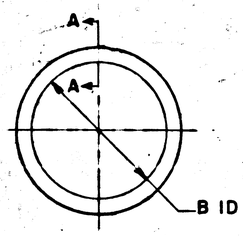
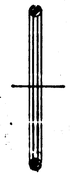
PART NO.	W DIA	B ID	
1000159-1	.139 ± .004	12.380 ± .030	
1000159-2	.139 ± .004	7.484 ± .030	
1000159-3	.103 ± .003	2.050 ± .010	
1000159-4	.064 ± .003	.239 ± .005	(B)
1000159-5	.064 ± .003	.301 ± .005	(B)
1000159-6	.072 ± .003	.351 ± .005	(B)
1000159-7	.070 ± .003	.614 ± .005	(C)
1000159-8	.070 ± .003	1.864 ± .010	
1000159-9	.070 ± .003	.176 ± .005	
1000159-10	.070 ± .003	1.364 ± .006	
1000159-11	.070 ± .003	.145 ± .005	
1000159-12	.070 ± .003	1.989 ± .010	
1000159-13	.070 ± .003	.301 ± .005	(D)
1000159 14	.070 ± .003	.426 ± .005	

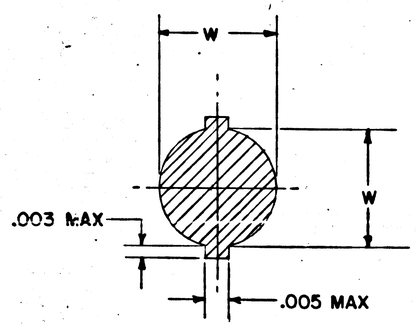
REVISIONS TDRR 00256

ZONE	SYM	DESCRIPTION	DATE	APPROVAL	
4-B	A	TDRR 00648	3-27-63	[illegible]	[illegible]
—	B	TDRR 00844	4-17-63	[illegible]	[illegible]
—	C	TDRR 02323	7-30-63	[illegible]	[illegible]
—	D	TDRR 02507	8-14-63	[illegible]	[illegible]
—	E	REPLACED BY REV F WITH CHANGES TDRR 07686	16APR64	[illegible]	[illegible]

ALL DIA. OF CROSS SECTIONS SHALL EQUAL W







SECTION AA
ENLARGED

NOTES
1. MATERIAL SHALL BE PARKER COMPOUND B318-7 PER MIL-G-22050 (A)
2. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS AS CONTAINED IN NASA SPECIFICATION ND 1015404 CLASS 3
3. IDENTIFY USING DWG NO., REVISION LETTER, & MANUFACTURERS SYMBOL PER MIL-STD-130

ORIGINAL SOURCE OF SUPPLY:
PARKER SEAL COMPANY
10567 JEFFERSON BLVD
CULVER CITY, CALIFORNIA

NASA NO	PARKER NO	NASA NO	PARKER NO	
1000159-1	S-487	1000159-13	2-11	(D)
1000159-2	S-264	1000159-14	2-13	
1000159-3	2-137			
1000159-4	3-2			
1000159-5	3-3			
1000159-6	3-4			
1000159-7	2-16			
1000159-8	2-32			
1000159-9	2-8			
1000159-10	2-28			
1000159-11	2-7			
1000159-12	2-33			

(E) REPLACED BY REV F WITH CHANGES

MASTER

		UNLESS OTHERWISE SPECIFIED
		DIMENSIONS ARE IN INCHES
		TOLERANCES ON FRACTIONS DECIMALS ANGLES
		± ± ±
MULTIPLE	DL1000001	DO NOT SCALE THIS DRAWING
USAGE	DL1000201	MATERIAL: SEE NOTE 1
NEXT ASSY	USED ON	
APPLICATION		

QTY. REQD.	NOMENCLATURE OR DESCRIPTION	PART OR IDENTIFYING NO.	SPECIFICATION	MATERIAL OR NOTES	FIND NO.

LIST OF PARTS AND MATERIALS

M I T INSTRUMENTATION LAB
CONTRACT NAS 9-153

		DATE
APPROVED	C. Draper	1-16-63
CHECKED		
DRAWN	J. FUCHS	12-4-62
APPROVED FOR MSC	Joebel Bennett Walker	
BY DIRECTION		
MIT APPROVAL	J. Madson	1/16/63

PACKING, PREFORMED
"O" RING

SPECIFICATION CONTROL DRAWING

SCALE	UNIT WT.	CODE IDENT.
±		

MIT INSTRUMENTATION LABORATORY
CAMBRIDGE, MASS.
DWG. NO.
MANNED SPACECRAFT CENTER
HOUSTON TEXAS
NASA DRAWING NO.
1000159
SHEET 1 OF 1

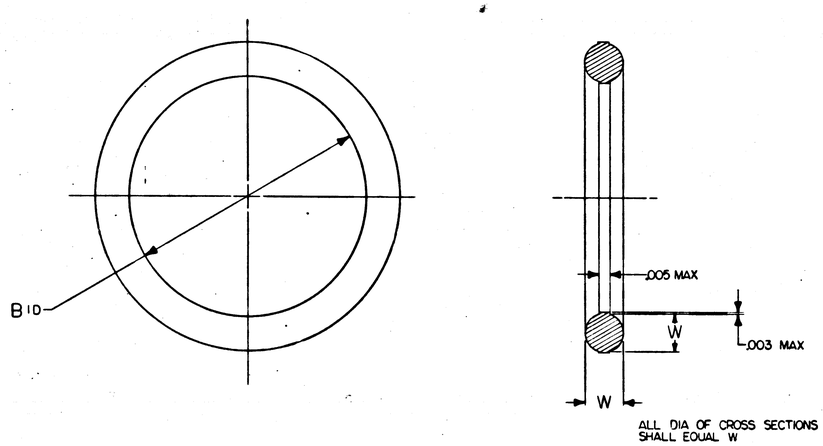
INCHES
0 1 2
PHOTOGRAPHIC SCALE ONLY

REVISIONS				
ZONE	SYM	DESCRIPTION	DATE	APPROVAL
	F	REPLACES REV E WITH CHANGES TDRR 02486	9/4/64	WL

REQUIREMENTS:

1. GENERAL
   - A. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.
   - B. SUPPLIER SHALL CONFORM TO QUALITY ASSURANCE PROVISIONS AS SPECIFIED IN ND1015404, CLASS 3.
   - C. PACKING AND SHIPPING CONTAINERS SHALL BE IN ACCORDANCE WITH MIL-P-116, SUB-METHOD IA-8.
2. INSPECTION AND ACCEPTANCE
   - A. ITEM SHALL BE MARKED WITH NASA DRAWING NUMBER, DASH NUMBER, REVISION LETTER, MANUFACTURER'S IDENTIFICATION AND RUBBER CURE DATE IN ACCORDANCE WITH ND1002019.
   - B. DIMENSIONS: AS INDICATED
   - C. CURE DATE: WITHIN 1 YEAR OF DATE OF SHIPMENT
3. DESIGN REQUIREMENTS
   - A. MATERIAL: SHALL BE A CO-POLYMERIZED ISO-BUTYLENE WITH SUFFICIENT ISOPRENE TO PERMIT VULCANIZATION.
   - B. MATERIAL: SHALL BE CAPABLE OF MEETING THE REQUIREMENTS MIL-G-22050, EXCEPT FOR HYDRAULIC FLUID IMMERSION REQUIREMENTS AND INITIAL PROPERTIES WHICH SHALL BE AS LISTED BELOW:
     1) HARDNESS, SHORE A: 70 ± 5 POINTS
     2) ULTIMATE ELONGATION: 230 PER CENT MINIMUM
   - C. SHELF LIFE: 5 YEARS MINIMUM, FROM CURE DATE, AS PACKAGED.

PART NO.	W DIA	B ID
1000159-1	.139 ± .004	12.380 ± .030
1000159-2	.139 ± .004	7.484 ± .030
1000159-3	.103 ± .003	2.050 ± .010
1000159-4	.064 ± .003	.239 ± .005
1000159-5	.064 ± .003	.301 ± .005
1000159-6	.072 ± .003	.351 ± .005
1000159-7	.070 ± .003	.614 ± .005
1000159-8	.070 ± .003	1.868 ± .010
1000159-9	.070 ± .003	.176 ± .005
1000159-10	.070 ± .003	1.364 ± .006
1000159-11	.070 ± .003	.145 ± .005
1000159-12	.070 ± .003	1.989 ± .010
1000159-13	.070 ± .003	.301 ± .005
1000159-14	.070 ± .003	.426 ± .005
1000159-15	.139 ± .004	11.484 ± .030
1000159-16	.139 ± .004	5.359 ± .023



ALL DIA OF CROSS SECTIONS SHALL EQUAL W

Ⓕ REPLACES REV E WITH CHANGES

PROCURE ONLY FROM APPROVED SOURCES LISTED IN ND1002034 FOR THIS DRAWING.

QTY. REQD.	NOMENCLATURE OR DESCRIPTION	PART OR IDENTIFYING NO.	SPECIFICATION	MATERIAL OR NOTES	FIND NO.
	LIST OF PARTS AND MATERIALS				

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS DECIMALS ANGLES
DO NOT SCALE THIS DRAWING
MATERIAL: SEE NOTE 3
MULTIPLE USAGE
NEXT ASSY | USED ON
APPLICATION

M.I.T. INSTRUMENTATION LAB CONTRACT NAS 9-153 | DATE
APPROVED 4-2-64
DRAWN
CHECKED J.MOGSES 3-31-64
ENGR. MGR.
MSC
MFG APPROVAL | DATE

PACKING, PREFORMED "O" RING
SPECIFICATION CONTROL DRAWING
SCALE | UNIT WT. | CODE IDENT.

M.I.T. INSTRUMENTATION LABORATORY Cambridge, Mass.
DWG. NO.
CONTROL SPACECRAFT CENTER HOUSTON TEXAS
NASA DRAWING NO. 1000159
SHEET 1 OF 1 SHEET

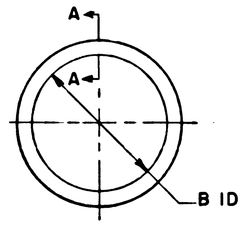
1000159 F

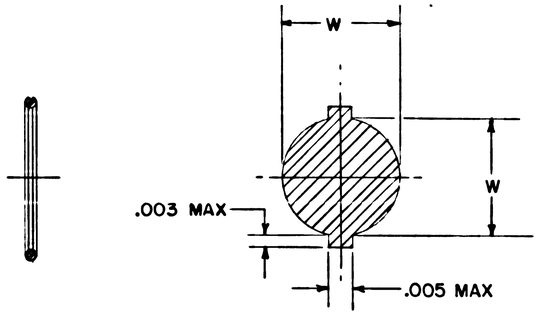
INCHES 0 1 2
PHOTOGRAPHIC SCALE ONLY

DASH NO.	W DIA	B ID
1000159-1	.139 ± .004	12.380 ± .030
1000159-2	.139 ± .004	7.484 ± .030
1000159-3	.103 ± .003	2.050 ± .010

REVISIONS TDRR 00256				
ZONE	SYM	DESCRIPTION	DATE	APPROVAL

ALL DIA. OF CROSS SECTIONS SHALL EQUAL W





SECTION AA
ENLARGED

NOTES
1. MATERIAL SHALL BE PARKER COMPOUND B318-7 PER AMS 3238A
2. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS AS CONTAINED IN NASA SPECIFICATION ND 1015404 CLASS 3
3. IDENTIFY USING DWG NO., REVISION LETTER, & MANUFACTURERS SYMBOL PER MIL-STD-130

ORIGINAL SOURCE OF SUPPLY:
PARKER SEAL COMPANY
10567 JEFFERSON BLVD
CULVER CITY, CALIFORNIA

NASA NO	PARKER NO	PARKER COMPOUND
1000159-1	5-487	B-318-7
1000159-2	2-264	B-318-7
1000159-3	2-137	B-318-7

MASTER

		UNLESS OTHERWISE SPECIFIED
		DIMENSIONS ARE IN INCHES TOLERANCES ON FRACTIONS ± DECIMALS ± ANGLES ±
1000001	DL1000001	DO NOT SCALE THIS DRAWING
1000201	DL1000201	MATERIAL: SEE NOTE 1
NEXT ASSY	USED ON	
APPLICATION		

QTY. REQD.	NOMENCLATURE OR DESCRIPTION	PART OR IDENTIFYING NO.	SPECIFICATION	MATERIAL OR NOTES	FIND NO.

LIST OF PARTS AND MATERIALS

MIT INSTRUMENTATION LAB CONTRACT	NAS 9-153
APPROVED	J. J. Borgese 1-16-63
CHECKED	
DRAWN	J FUCHS 12-14-62
APPROVED FOR MSC BY DIRECTION	Jack Brainard 1/16/63
MIT APPROVAL	J. J. Madden 1/16/63

PACKING, PREFORMED
"O" RING

SPECIFICATION CONTROL DRAWING

SCALE	UNIT WT.	CODE IDENT.
±		

MIT INSTRUMENTATION LABORATORY
CAMBRIDGE, MASS.

DWG. NO.

MANNED SPACECRAFT CENTER
HOUSTON TEXAS

NASA DRAWING NO.
1000159

SHEET 1 OF 1

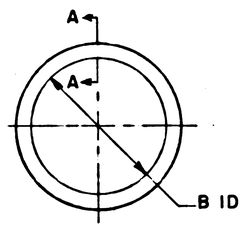
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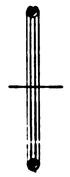
DASH NO.	W DIA	B ID
1000159-1	.139 ± .004	12.380 ± .030
1000159-2	.139 ± .004	7.484 ± .030
1000159-3	.103 ± .003	2.050 ± .010

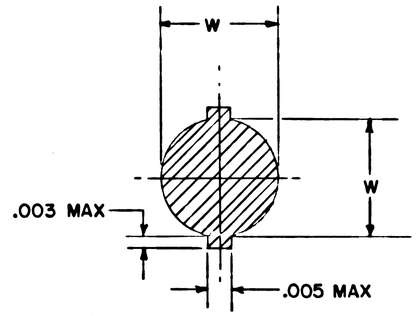
REVISIONS TDRR 00256

(M) ZONE	SYM	DESCRIPTION	DATE	APPROVAL
4-B	A	TDRR 00648	3-27-63	

ALL DIA. OF CROSS SECTIONS SHALL EQUAL W







SECTION AA
ENLARGED

NOTES
1. MATERIAL SHALL BE PARKER COMPOUND B318-7 PER MIL-G-22050 (A)
2. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS AS CONTAINED IN NASA SPECIFICATION ND 1015404 CLASS 3
3. IDENTIFY USING DWG NO., REVISION LETTER, & MANUFACTURERS SYMBOL PER MIL-STD-130

ORIGINAL SOURCE OF SUPPLY:
PARKER SEAL COMPANY
10567 JEFFERSON BLVD
CULVER CITY, CALIFORNIA

NASA NO	PARKER NO	PARKER COMPOUND
1000159-1	5-487	B-318-7
1000159-2	2-264	B-318-7
1000159-3	2-137	B-318-7

MASTER

		UNLESS OTHERWISE SPECIFIED
		DIMENSIONS ARE IN INCHES TOLERANCES ON FRACTIONS DECIMALS ANGLES ± ± ±
1000001	DL1000001	DO NOT SCALE THIS DRAWING
1000201	DL1000201	MATERIAL: SEE NOTE 1
NEXT ASSY	USED ON	
APPLICATION		

LIST OF PARTS AND MATERIALS

QTY. REQD.	NOMENCLATURE OR DESCRIPTION	PART OR IDENTIFYING NO.	SPECIFICATION	MATERIAL OR NOTES	FIND NO.

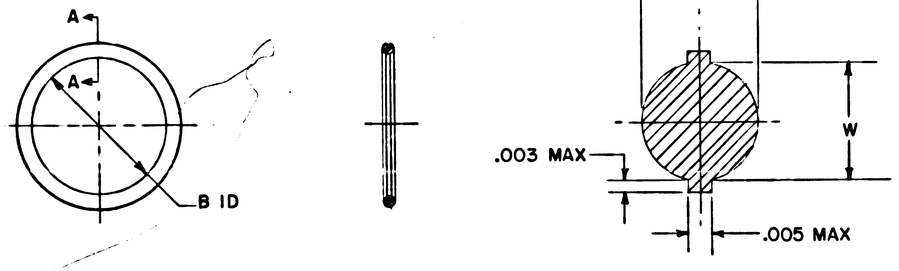
MIT INSTRUMENTATION LAB CONTRACT NAS 9-153	PACKING, PREFORMED "O" RING		MIT INSTRUMENTATION LABORATORY CAMBRIDGE, MASS.
APPROVED C.J. Bogan DATE 1-16-63			DWG. NO.
CHECKED			MANNED SPACECRAFT CENTER HOUSTON TEXAS
DRAWN J FUCHS 12-14-62			
APPROVED FOR MSC Jack Brainard 1/16/63	SPECIFICATION CONTROL DRAWING		NASA DRAWING NO. 1000159
BY DIRECTION	SCALE ±	UNIT WT.	CODE IDENT.
MIT APPROVAL G.J. Hudson 1/16/63			SHEET 1 OF 1

1000159

PART NO.	W DIA	B ID	
1000159-1	.139 ± .004	12.380 ± .030	
1000159-2	.139 ± .004	7.484 ± .030	
1000159-3	.103 ± .003	2.050 ± .010	
1000159-4	.064 ± .003	.239 ± .005	(B)
1000159-5	.064 ± .003	.301 ± .005	(B)
1000159-6	.072 ± .003	.351 ± .005	(B)

REVISIONS TDRR 00256				
ZONE	SYM	DESCRIPTION	DATE	APPROVAL
4-B	A	TDRR 00648	3-27-63	gjb wk.
	B	TDRR 00844	4-17-63	lam wk

ALL DIA. OF CROSS SECTIONS SHALL EQUAL W



SECTION AA
ENLARGED

NOTES
1. MATERIAL SHALL BE PARKER COMPOUND B318-7 PER MIL-G-22050 (A)
2. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS AS CONTAINED IN NASA SPECIFICATION ND 1015404 CLASS 3
3. IDENTIFY USING DWG NO., REVISION LETTER, & MANUFACTURERS SYMBOL PER MIL-STD-130

ORIGINAL SOURCE OF SUPPLY:
PARKER SEAL COMPANY
10567 JEFFERSON BLVD
CULVER CITY, CALIFORNIA

NASA NO	PARKER NO	PARKER COMPOUND	
1000159-1	5-487	B-318-7	
1000159-2	2-264	B-318-7	
1000159-3	2-137	B-318-7	
1000159-4	3-2	B-318-7	(B)
1000159-5	3-3	B-318-7	(B)
1000159-6	3-4	B-318-7	(B)

MASTER

QTY. REQD.	NOMENCLATURE OR DESCRIPTION	PART OR IDENTIFYING NO.	SPECIFICATION	MATERIAL OR NOTES	FIND NO.
LIST OF PARTS AND MATERIALS					

		UNLESS OTHERWISE SPECIFIED
		DIMENSIONS ARE IN INCHES TOLERANCES ON FRACTIONS ± DECIMALS ± ANGLES ±
MULTIPLE	DL1000001	DO NOT SCALE THIS DRAWING
USAGE	DL1000201	MATERIAL: SEE NOTE 1
NEXT ASSY	USED ON	
APPLICATION		

MIT INSTRUMENTATION LAB
CONTRACT NAS 9-153 DATE
APPROVED C.J. Boyse 1-16-63
CHECKED
DRAWN J FUCHS 12-14-62
APPROVED FOR MSC Jack Brainard 1/16/63
BY DIRECTION
MIT APPROVAL G.H. Hudson 1/16/63

PACKING, PREFORMED "O" RING

SPECIFICATION CONTROL DRAWING

SCALE	UNIT WT.	CODE IDENT.
±		

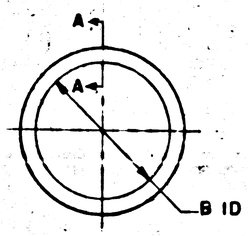
MIT INSTRUMENTATION LABORATORY
CAMBRIDGE, MASS.
DWG. NO.
MANNED SPACECRAFT CENTER
HOUSTON TEXAS
NASA DRAWING NO. 1000159
SHEET 1 OF 1

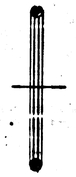
1000159 REV B

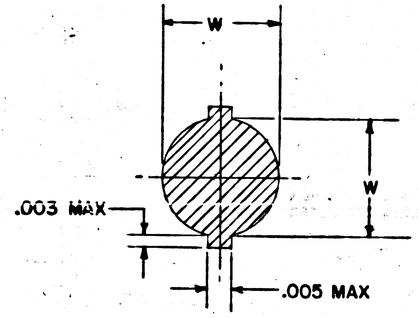
INCHES
0 1 2
PHOTOGRAPHIC SCALE ONLY

PART NO.	W DIA	B ID	
1000159-1	.139 ± .004	12.380 ± .030	
1000159-2	.139 ± .004	7.484 ± .030	
1000159-3	.103 ± .003	2.050 ± .010	
1000159-4	.064 ± .003	.239 ± .005	(B)
1000159-5	.064 ± .003	.301 ± .005	(B)
1000159-6	.072 ± .003	.351 ± .005	(B)
1000159-7	.070 ± .003	.614 ± .005	(C)
1000159-8	.070 ± .003	1.864 ± .010	
1000159-9	.070 ± .003	.176 ± .005	
1000159-10	.070 ± .003	1.364 ± .006	
1000159-11	.070 ± .003	.145 ± .005	
1000159-12	.070 ± .003	1.989 ± .010	

ALL DIA. OF CROSS SECTIONS SHALL EQUAL W







SECTION AA
ENLARGED

NOTES
1. MATERIAL SHALL BE PARKER COMPOUND B318-7 PER MIL-G-22050 (A)
2. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS AS CONTAINED IN NASA SPECIFICATION ND 1015404 CLASS 3
3. IDENTIFY USING DWG NO., REVISION LETTER, & MANUFACTURERS SYMBOL PER MIL-STD-130

ORIGINAL SOURCE OF SUPPLY:
PARKER SEAL COMPANY
10567 JEFFERSON BLVD
CULVER CITY, CALIFORNIA

NASA NO	PARKER NO	PARKER COMPOUND	
1000159-1	5-487	B-318-7	
1000159-2	2-264	B-318-7	
1000159-3	2-137	B-318-7	
1000159-4	3-2	B-318-7	(B)
1000159-5	3-3	B-318-7	(B)
1000159-6	3-4	B-318-7	(B)
1000159-7	2-16	B-318-7	
1000159-8	2-32	B-318-7	(C)
1000159-9	2-8	B-318-7	
1000159-10	2-28	B-318-7	
1000159-11	2-7	B-318-7	
1000159-12	2-33	B-318-7	

REVISIONS TDRR 00256

ZONE	SYM	DESCRIPTION	DATE	APPROVAL
4-B	A	TDRR 00648	3-27-63	GJB
	B	TDRR 00844	4-17-63	GJB
	C	TDRR 02323	7-30-63	GJB

MASTER

		UNLESS OTHERWISE SPECIFIED
		DIMENSIONS ARE IN INCHES
		TOLERANCES ON FRACTIONS DECIMALS ANGLES
		± ± ±
MULTIPLE	DL1000001	DO NOT SCALE THIS DRAWING
USAGE	DL1000201	MATERIAL: SEE NOTE 1
NEXT ASSY	USED ON	
APPLICATION		

QTY. REQD.	NOMENCLATURE OR DESCRIPTION	PART OR IDENTIFYING NO.	SPECIFICATION	MATERIAL OR NOTES	FIND NO.
	LIST OF PARTS AND MATERIALS				

MIT INSTRUMENTATION LAB
CONTRACT NAS 9-153 DATE
APPROVED C.S. Draper 1-16-63
CHECKED
DRAWN J. LEUCHS 12-4-62
APPROVED FOR MSC
BY DIRECTION
MIT APPROVAL G. Hudson 1/16/63

PACKING, PREFORMED "O" RING

SPECIFICATION CONTROL DRAWING

SCALE	UNIT WT.	CODE IDENT.
±		

MIT INSTRUMENTATION LABORATORY
CAMBRIDGE, MASS.
DWG. NO.
MANNED SPACECRAFT CENTER
HOUSTON TEXAS
NASA DRAWING NO. 1000159
SHEET 1 OF 1

1000159 C

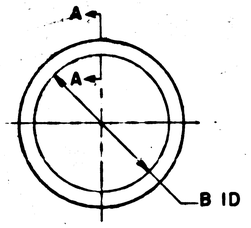
INCHES
0 1 2
PHOTOGRAPHIC SCALE ONLY

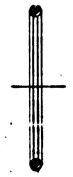
PART NO.	W DIA	B ID	
1000159-1	.139 ± .004	12.380 ± .030	
1000159-2	.139 ± .004	7.484 ± .030	
1000159-3	.103 ± .003	2.050 ± .010	
1000159-4	.064 ± .003	.239 ± .005	(B)
1000159-5	.064 ± .003	.301 ± .005	(B)
1000159-6	.072 ± .003	.351 ± .005	(B)
1000159-7	.070 ± .003	.614 ± .005	(C)
1000159-8	.070 ± .003	1.864 ± .010	
1000159-9	.070 ± .003	.176 ± .005	
1000159-10	.070 ± .003	1.364 ± .006	
1000159-11	.070 ± .003	.145 ± .005	
1000159-12	.070 ± .003	1.989 ± .010	
1000159-13	.070 ± .003	.301 ± .005	(D)
1000159 14	.070 ± .003	.426 ± .005	

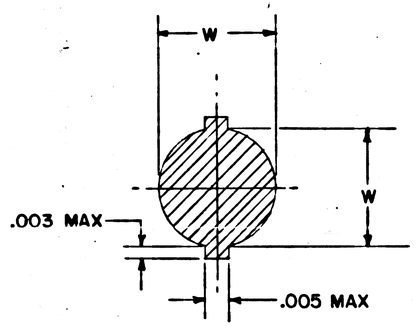
REVISIONS TDRR 00256

ZONE	SYM	DESCRIPTION	DATE	APPROVAL
4-B	A	TDRR 00648	3-27-63	
	B	TDRR 00844	4-17-63	
	C	TDRR 02323	7-30-63	
	D	TDRR 02507	8-14-63	

ALL DIA. OF CROSS SECTIONS SHALL EQUAL W







SECTION AA
ENLARGED

NOTES
1. MATERIAL SHALL BE PARKER COMPOUND B318-7 PER MIL-G-22050 (A)
2. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS AS CONTAINED IN NASA SPECIFICATION ND 1015404 CLASS 3
3. IDENTIFY USING DWG NO., REVISION LETTER, & MANUFACTURERS SYMBOL PER MIL-STD-130

ORIGINAL SOURCE OF SUPPLY:
PARKER SEAL COMPANY
10567 JEFFERSON BLVD
CULVER CITY, CALIFORNIA

NASA NO	PARKER NO	NASA NO	PARKER NO	
1000159-1	S-487	1000159-13	2-11	(D)
1000159-2	S-264	1000159-14	2-13	
1000159-3	2-137			
1000159-4	3-2			
1000159-5	3-3			
1000159-6	3-4			
1000159-7	2-16			
1000159-8	2-32			
1000159-9	2-8			
1000159-10	2-28			
1000159-11	2-7			
1000159-12	2-33			

MASTER

		UNLESS OTHERWISE SPECIFIED
		DIMENSIONS ARE IN INCHES
		TOLERANCES ON FRACTIONS DECIMALS ANGLES
		± ± ±
MULTIPLE	DL1000001	DO NOT SCALE THIS DRAWING
USAGE	DL1000201	MATERIAL: SEE NOTE 1
NEXT ASSY	USED ON	
APPLICATION		

QTY. REQD.	NOMENCLATURE OR DESCRIPTION	PART OR IDENTIFYING NO.	SPECIFICATION	MATERIAL OR NOTES	FIND NO.

LIST OF PARTS AND MATERIALS

MIT INSTRUMENTATION LAB
CONTRACT NAS 9-153

		DATE
APPROVED	C.S. Draper	1-16-63
CHECKED		
DRAWN	J FUCHS	12-14-62
APPROVED FOR MSC BY DIRECTION	Jack Bonnell Wales	
MIT APPROVAL	G Hudson 1/16/63	

PACKING, PREFORMED
"O" RING

SPECIFICATION CONTROL DRAWING

SCALE	UNIT WT.	CODE IDENT.
±		

MIT INSTRUMENTATION LABORATORY
CAMBRIDGE, MASS.
DWG. NO.
MANNED SPACECRAFT CENTER
HOUSTON TEXAS
NASA DRAWING NO. 1000159
SHEET 1 OF 1

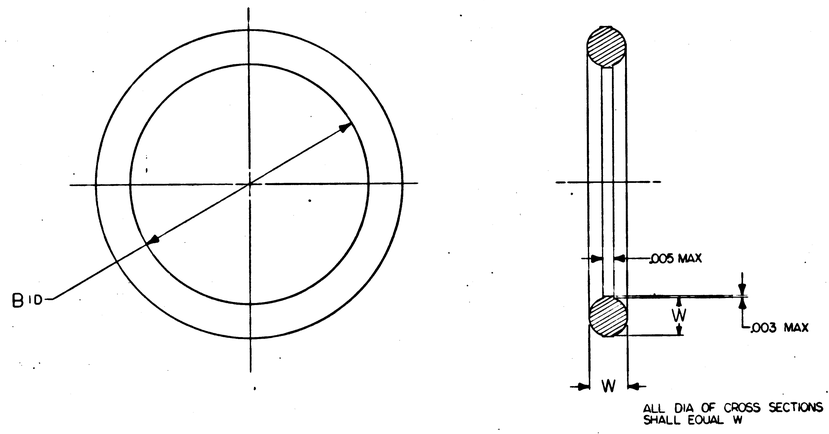
INCHES
0 1 2
PHOTOGRAPHIC SCALE ONLY

REVISIONS				
ZONE	SYM	DESCRIPTION	DATE	APPROVAL
	F	REPLACES REV E WITH CHANGES TDRR 07486	4/24/64	MWL
	G	REVISED TDRR 12134	9-1-64	MWL

REQUIREMENTS:

1. GENERAL
   - A. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.
   - B. SUPPLIER SHALL CONFORM TO QUALITY ASSURANCE PROVISIONS AS SPECIFIED IN ND1015404, CLASS 3.
   - C. PACKING AND SHIPPING CONTAINERS SHALL BE IN ACCORDANCE WITH MIL-P-116, SUB-METHOD IA-8.
2. INSPECTION AND ACCEPTANCE
   - A. ITEM SHALL BE MARKED WITH NASA DRAWING NUMBER, DASH NUMBER, REVISION LETTER, MANUFACTURER'S IDENTIFICATION AND RUBBER CURE DATE IN ACCORDANCE WITH ND1002019.
   - B. DIMENSIONS: AS INDICATED
   - C. CURE DATE: WITHIN 1 YEAR OF DATE OF SHIPMENT
3. DESIGN REQUIREMENTS
   - A. MATERIAL: SHALL BE A CO-POLYMERIZED ISO-BUTYLENE WITH SUFFICIENT ISOPRENE TO PERMIT VULCANIZATION.
   - B. MATERIAL: SHALL BE CAPABLE OF MEETING THE REQUIREMENTS MIL-G-22050, EXCEPT FOR HYDRAULIC FLUID IMMERSION REQUIREMENTS AND INITIAL PROPERTIES WHICH SHALL BE AS LISTED BELOW:
     1) HARDNESS, SHORE A: 70 ± 5 POINTS
     2) ULTIMATE ELONGATION: 230 PER CENT MINIMUM
   - C. SHELF LIFE: 5 YEARS MINIMUM, FROM CURE DATE, AS PACKAGED.

PART NO.	W DIA	B ID
1000159-1	.139 ± .004	12.380 ± .030
1000159-2	.139 ± .004	7.484 ± .030
1000159-3	.103 ± .003	2.050 ± .010
1000159-4	.064 ± .003	.239 ± .005
1000159-5	.064 ± .003	.301 ± .005
1000159-6	.072 ± .003	.351 ± .005
1000159-7	.070 ± .003	.614 ± .005
1000159-8	.070 ± .003	1.864 ± .010
1000159-9	.070 ± .003	.176 ± .005
1000159-10	.070 ± .003	1.364 ± .006
1000159-11	.070 ± .003	.145 ± .005
1000159-12	.070 ± .003	1.989 ± .010
1000159-13	.070 ± .003	.301 ± .005
1000159-14	.070 ± .003	.426 ± .005
1000159-15	.139 ± .004	11.484 ± .030
1000159-16	.139 ± .004	5.359 ± .023
1000159-17	.072 ± .003	.414 ± .005



ALL DIA OF CROSS SECTIONS SHALL EQUAL W

(F) REPLACES REV E WITH CHANGES

PROCURE ONLY FROM APPROVED SOURCES LISTED IN ND1002034 FOR THIS DRAWING.

QTY. REQD.	NOMENCLATURE OR DESCRIPTION	PART OR IDENTIFYING NO.	SPECIFICATION	MATERIAL OR NOTES	FIND NO.
LIST OF PARTS AND MATERIALS					

MULTIPLE USAGE	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES; TOLERANCES ON FRACTIONS ± DECIMALS ± ANGLES ±	MIT INSTRUMENTATION LAB CONTRACT NAS 9-153	PACKING, PREFORMED "O" RING
NEXT ASSY / USED ON	DO NOT SCALE THIS DRAWING	MATERIAL: SEE NOTE 3	SPECIFICATION CONTROL DRAWING
APPLICATION		MIT/IL APPROVAL / DATE	SCALE / UNIT WT. / CODE IDENT.

MIT INSTRUMENTATION LABORATORY, Cambridge, Mass.
DWG. NO.
MANNED SPACECRAFT CENTER, HOUSTON, TEXAS
NASA DRAWING NO. 1000159
SHEET 1 OF 1 SHEET

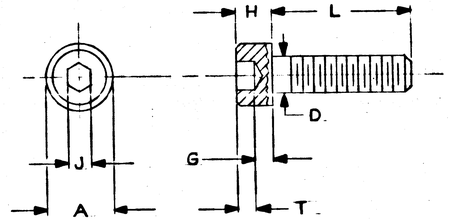
INCHES
0 1 2
PHOTOGRAPHIC SCALE ONLY

G	T	J	H		A		D		SCREW
MIN	MIN		MAX	MIN	MAX	MIN	MAX	MIN	SIZE
.028	.038	.078	.086	.083	.140	.134	.086	.0822	2-56UNC-3A
.036	.051	.094	.112	.108	.183	.176	.112	.1075	4-40UNC-3A
.044	.064	.109	.138	.134	.226	.218	.138	.1329	6-32UNC-3A
.052	.077	.141	.164	.159	.270	.262	.164	.1585	8-32UNC-3A
.061	.090	.156	.190	.185	.312	.303	.190	.184	10-32UNF-3A

LENGTH L ±.015														
.187	.250	.312	.375	.438	.500	.562	.625	.687	.750	.812	.875	.937	1.000	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
15	16	17	18	19	20	21	22	23	24	25	26	27	28	
29	30	31	32	33	34	35	36	37	38	39	40	41	42	
43	44	45	46	47	48	49	50	51	52	53	54	55	56	

REVISIONS TDRR 08763

ZONE	SYM	DESCRIPTION	DATE	APPROVAL



REQUIREMENTS

1. GENERAL:
   - A. INTERPRET DRAWING IN ACCORDANCE WITH MIL-D-70327
   - B. SUPPLIER SHALL CONFORM TO QUALITY ASSURANCE PROVISIONS SPECIFIED IN ND1015404 CLASS 3
   - C. IDENTIFY USING DRAWING NUMBER, APPLICABLE DASH NO., REVISION LETTER & MANUFACTURERS SYMBOL PER MIL-STD-130. MANUFACTURERS NAME AND PART NO. MAY ALSO BE USED.
   - D. UNLESS OTHERWISE SPECIFIED SCREWS MUST MEET REQUIREMENTS OF FF-S-86 TYPE VI

2. INSPECTION & ACCEPTANCE
   - A. MATERIAL: 410 CRES PER MIL-S-862 CLASS 3
   - B. FINISH: PASSIVATE PER MIL-F-14072 FIN E-30C
   - C. HARDNESS: R_c 38-43

PROCURE ONLY FROM APPROVED SOURCES LISTED IN ND1002034 FOR THIS DRAWING

MASTER

QTY. REQD.	NOMENCLATURE OR DESCRIPTION	PART OR IDENTIFYING NO.	SPECIFICATION	MATERIAL OR NOTES	FIND NO.

LIST OF PARTS AND MATERIALS

MULTIPLE USAGE		UNLESS OTHERWISE SPECIFIED
NEXT ASSY	USED ON	DIMENSIONS ARE IN INCHES
APPLICATION		TOLERANCES ON FRACTIONS DECIMALS ANGLES
		DO NOT SCALE THIS DRAWING
		MATERIAL:

MIT INSTRUMENTATION LAB CONTRACT NAS 9-153	DATE
APPROVED	20 May 64
CHECKED	
DRAWN D.T.B.	10/24/63
APPROVED FOR MSC	
MIT/IL APPROVAL	DATE
W Sypher	26 May 64

SCREW
HEX SOC HD
SPECIFICATION CONTROL DWG

SCALE	UNIT WT.	CODE IDENT.

MIT INSTRUMENTATION LABORATORY
CAMBRIDGE, MASS.

DWG. NO.

MANNED SPACECRAFT CENTER
HOUSTON TEXAS

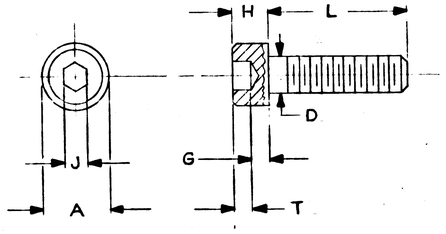
NASA DRAWING NO.
1001489

SHEET 1 OF 1

INCHES
0 1 2
PHOTOGRAPHIC SCALE ONLY

G MIN	T MIN	J	H MAX	H MIN	A MAX	A MIN	D MAX	D MIN	SCREW SIZE	LENGTH L ±.015 .187	.250	.312	.375	.438	.500	.562	.625	.687	.750	.812	.875	.937	1.000
.028	.038	.078	.086	.083	.140	.134	.086	.0822	2-56UNC-3A														
.036	.051	.094	.112	.108	.183	.176	.112	.1075	4-40UNC-3A	1	2	3	4	5	6	7	8	9	10	11	12	13	14
.044	.064	.109	.138	.134	.226	.218	.138	.1329	6-32UNC-3A	15	16	17	18	19	20	21	22	23	24	25	26	27	28
.052	.077	.141	.164	.159	.270	.262	.164	.1585	8-32UNC-3A	29	30	31	32	33	34	35	36	37	38	39	40	41	42
.061	.090	.156	.190	.185	.312	.303	.190	.184	10-32UNF-3A	43	44	45	46	47	48	49	50	51	52	53	54	55	56

ZONE	SYM	REVISIONS TDRR 08763 DESCRIPTION	DATE	APPROVAL
	A	REVISED PER TDRR 14791	12-10-64	WJ



REQUIREMENTS

1. GENERAL:
   - A. INTERPRET DRAWING IN ACCORDANCE WITH MIL-D-70327
   - B. SUPPLIER SHALL CONFORM TO QUALITY ASSURANCE PROVISIONS SPECIFIED IN ND1015404 CLASS 3
   - C. IDENTIFY USING DRAWING NUMBER, APPLICABLE DASH NO., REVISION LETTER & MANUFACTURERS SYMBOL PER ND1002019 MANUFACTURERS NAME AND PART NO. MAY ALSO BE USED.
   - D. UNLESS OTHERWISE SPECIFIED SCREWS MUST MEET REQUIREMENTS OF FF-S-86 TYPE VI

2. INSPECTION & ACCEPTANCE
   - A. MATERIAL: 410 CRES PER MIL-S-862 CLASS 3
   - B. FINISH: PASSIVATE PER MIL-F-14072 FIN E-30C
   - C. HARDNESS: R_c 38-43

3. DESIGN REQUIREMENTS:
   - A. SCREW HEAD & SOCKET TO BE FORMED BY COLD HEADING. THREADS TO BE FORMED BY ROLLING

MASTER

PROCURE ONLY FROM APPROVED SOURCES
LISTED IN ND1002034 FOR THIS DRAWING

QTY. REQD.	NOMENCLATURE OR DESCRIPTION	PART OR IDENTIFYING NO.	SPECIFICATION	MATERIAL OR NOTES	FIND NO.

LIST OF PARTS AND MATERIALS

	UNLESS OTHERWISE SPECIFIED
	DIMENSIONS ARE IN INCHES
	TOLERANCES ON FRACTIONS DECIMALS ANGLES
	DO NOT SCALE THIS DRAWING
MULTIPLE USAGE	MATERIAL:
NEXT ASSY / USED ON	
APPLICATION	

MIT INSTRUMENTATION LAB
CONTRACT NAS 9-153

		DATE
APPROVED	[illegible]	20 May 64
CHECKED		
DRAWN	D.T.B.	10/24/63
APPROVED FOR MSC	[illegible]	
MIT/IL APPROVAL	[illegible]	26 May 64

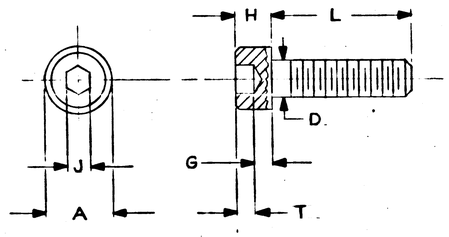
SCREW
HEX SOC HD
SPECIFICATION CONTROL DWG

SCALE	UNIT WT.	CODE IDENT.

MIT INSTRUMENTATION LABORATORY
CAMBRIDGE, MASS.
DWG. NO.
MANNED SPACECRAFT CENTER
HOUSTON TEXAS
NASA DRAWING NO. 1001489
SHEET 1 OF 1

G MIN	T MIN	J	H MAX	H MIN	A MAX	A MIN	D MAX	D MIN	SCREW SIZE	LENGTH L ±.015 .187	.250	.312	.375	.438	.500	.562	.625	.687	.750	.812	.875	.937	1.000	1.500
.028	.038	.078	.086	.083	.140	.134	.086	.0822	2-56UNC-3A															
.036	.051	.094	.112	.108	.183	.176	.112	.1075	4-40UNC-3A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
.044	.064	.109	.138	.134	.226	.218	.138	.1329	6-32UNC-3A	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
.052	.077	.141	.164	.159	.270	.262	.164	.1585	8-32UNC-3A	29	30	31	32	33	34	35	36	37	38	39	40	41	42	
.061	.090	.156	.190	.185	.312	.303	.190	.184	10-32UNF-3A	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57

ZONE	SYM	REVISIONS TDRR 08763 DESCRIPTION	DATE	APPROVAL
	A	REVISED PER TDRR 14791	12-20-67	WK
	B	REVISED PER TDRR 19918	6/15/68	WK



REQUIREMENTS

1. GENERAL:
   - A. INTERPRET DRAWING IN ACCORDANCE WITH MIL-D-70327
   - B. SUPPLIER SHALL CONFORM TO QUALITY ASSURANCE PROVISIONS SPECIFIED IN ND1015404 CLASS 3
   - C. IDENTIFY USING DRAWING NUMBER, APPLICABLE DASH NO., REVISION LETTER & MANUFACTURERS SYMBOL PER ND1002019 MANUFACTURERS NAME AND PART NO. MAY ALSO BE USED.
   - D. UNLESS OTHERWISE SPECIFIED SCREWS MUST MEET REQUIREMENTS OF FF-S-86 TYPE VI

2. INSPECTION & ACCEPTANCE
   - A. MATERIAL: 410 CRES PER MIL-S-862 CLASS 3
   - B. FINISH: PASSIVATE PER MIL-F-14072 FIN E-30C
   - C. HARDNESS: R. 38-43

3. DESIGN REQUIREMENTS:
   - A. SCREW HEAD & SOCKET TO BE FORMED BY COLD HEADING. THREADS TO BE FORMED BY ROLLING

PROCURE ONLY FROM APPROVED SOURCES LISTED IN ND1002034 FOR THIS DRAWING

MASTER

QTY. REQD.	NOMENCLATURE OR DESCRIPTION	PART OR IDENTIFYING NO.	SPECIFICATION	MATERIAL OR NOTES	FIND NO.

LIST OF PARTS AND MATERIALS

		UNLESS OTHERWISE SPECIFIED
		DIMENSIONS ARE IN INCHES TOLERANCES ON FRACTIONS DECIMALS ANGLES
		DO NOT SCALE THIS DRAWING
MULTIPLE USAGE		MATERIAL:
NEXT ASSY	USED ON	
APPLICATION		

MIT INSTRUMENTATION LAB
CONTRACT NAS 9-153

	DATE
APPROVED	20 May 64
CHECKED	
DRAWN D.T.B.	10/24/63
APPROVED FOR MSC	
MIT/IL APPROVAL	DATE
	26 May 64

SCREW
HEX SOC HD
SPECIFICATION CONTROL DWG

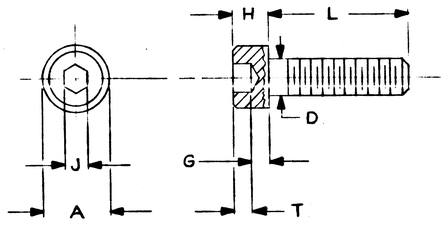
SCALE	UNIT WT.	CODE IDENT.
—		80230

MIT INSTRUMENTATION LABORATORY
CAMBRIDGE, MASS.

DWG. NO.
MANNED SPACECRAFT CENTER
HOUSTON TEXAS
NASA DRAWING NO.
1001489
SHEET 1 OF 1

G MIN	T MIN	J	H MAX	H MIN	A MAX	A MIN	D MAX	D MIN	SCREW SIZE	LENGTH L ±.015 .187	.250	.312	.375	.438	.500	.562	.625	.687	.750	.812	.875	.937	1.000	1.500
.028	.038	.078	.086	.083	.140	.134	.086	.0822	2-56UNC-3A															
.036	.051	.094	.112	.108	.183	.176	.112	.1075	4-40UNC-3A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
.044	.064	.109	.138	.134	.226	.218	.138	.1329	6-32UNC-3A	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
.052	.077	.141	.164	.159	.270	.262	.164	.1585	8-32UNC-3A	29	30	31	32	33	34	35	36	37	38	39	40	41	42	
.061	.090	.156	.190	.185	.312	.303	.190	.184	10-32UNF-3A	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57

REVISIONS TDRR 08763				
ZONE	SYM	DESCRIPTION	DATE	APPROVAL
	A	REVISED PER TDRR 14791	12-22-64	WH
	B	REVISED PER TDRR 19918	6/15/65	WH
	C	REVISED PER TDRR 20629	7-20-65	WDM



REQUIREMENTS

1. GENERAL:
   - A. INTERPRET DRAWING IN ACCORDANCE WITH MIL-D-70327
   - B. SUPPLIER SHALL CONFORM TO QUALITY ASSURANCE PROVISIONS SPECIFIED IN ND1015404 CLASS 3
   - C. IDENTIFY USING DRAWING NUMBER, APPLICABLE DASH NO., REVISION LETTER & MANUFACTURERS SYMBOL PER ND1002019 MANUFACTURERS NAME AND PART NO. MAY ALSO BE USED.
   - D. UNLESS OTHERWISE SPECIFIED SCREWS MUST MEET REQUIREMENTS OF FF-S-86 TYPE VI

2. INSPECTION & ACCEPTANCE
   - A. MATERIAL: 410 CRES PER MIL-S-862 CLASS 3
   - B. FINISH: PASSIVATE PER MIL-F-14072 FIN E-30C
   - C. HARDNESS: R_c 38-43
3. DESIGN REQUIREMENTS:
   - A. SCREW HEAD & SOCKET TO BE FORMED BY COLD HEADING. THREADS TO BE FORMED BY ROLLING. ALTERNATE: SOCKET MAY BE BROACHED IN ACCORDANCE WITH THE REQUIREMENTS OF FF-S-86. PROVIDED ALL BROACHING CHIPS ARE REMOVED.

PROCURE ONLY FROM APPROVED SOURCES
LISTED IN ND1002034 FOR THIS DRAWING

QTY. REQD.	NOMENCLATURE OR DESCRIPTION	PART OR IDENTIFYING NO.	SPECIFICATION	MATERIAL OR NOTES	FIND NO.

LIST OF PARTS AND MATERIALS

MULTIPLE USAGE	
NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS DECIMALS ANGLES
DO NOT SCALE THIS DRAWING
MATERIAL:

MIT INSTRUMENTATION LAB
CONTRACT NAS 9-153

		DATE
APPROVED		20 MAY 64
CHECKED		
DRAWN	D.T.B.	10/24/63
APPROVED FOR MSC		25 May 64
MIT/IL APPROVAL		DATE
		26 May 64

SCREW
HEX SOC HD
SPECIFICATION CONTROL DWG

SCALE	UNIT WT.	CODE IDENT.
—		80230

MIT INSTRUMENTATION LABORATORY
CAMBRIDGE, MASS.
DWG. NO.
MANNED SPACECRAFT CENTER
HOUSTON TEXAS
NASA DRAWING NO.
1001489
SHEET 1 OF 1

REVISIONS TDRR 02768				
ZONE	SYM	DESCRIPTION	DATE	APPROVAL

APOLLO GUIDANCE AND NAVIGATION SYSTEM

NAME

PART NO.

SERIAL NO.

CONT. NO.

DESIGNED BY M.I.T. INSTRUMENTATION LAB

MANUFACTURED BY

US

1004260-1

APOLLO G&N GROUND SUPPORT EQUIPMENT

NAME

PART NO.

SERIAL NO.

CONT. NO.

TECH. SUPERVISION-M.I.T. INSTRUMENTATION LAB

DESIGN AND MFG

US

1004260-2

NOTES:

1. NAMEPLATES TO CONFORM WITH MIL-M-13231.

MASTER

QTY. REQD.	NOMENCLATURE OR DESCRIPTION	PART OR IDENTIFYING NO.	SPECIFICATION	MATERIAL OR NOTES	FIND NO.

LIST OF PARTS AND MATERIALS

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS DECIMALS ANGLES
DO NOT SCALE THIS DRAWING
MATERIAL:

MIT INSTRUMENTATION LAB
CONTRACT NAS 9-153

		DATE
APPROVED	L. Ekarson	26 Aug 63
CHECKED	L. Ekarson	26 Aug 63
DRAWN	R. LANDRY	26 AUG 63
APPROVED FOR MSC		8/29/63
MIT/IL APPROVAL		8/29/63

NAMEPLATES, APOLLO G&N (STANDARDS)

SCALE	UNIT WT.	CODE IDENT.
NONE	—	

MIT INSTRUMENTATION LABORATORY
CAMBRIDGE, MASS.

DWG. NO.

MANNED SPACECRAFT CENTER
HOUSTON TEXAS

NASA DRAWING NO. 1004260

SHEET 1 OF 1

1004260

INCHES
0 1 2
PHOTOGRAPHIC SCALE ONLY

REVISIONS TDRR 02768				
ZONE	SYM	DESCRIPTION	DATE	APPROVAL
	A	REVISE & REDRAWN PER TDRR — 18087	4/1/65 GAPPGS	WR

APOLLO GUIDANCE AND NAVIGATION SYSTEM

NAME

PART NO.

SERIAL NO.

CONT. NO.

DESIGNED BY M.I.T. INSTRUMENTATION LAB

MANUFACTURED BY

US

1004260-1

APOLLO G&N GROUND SUPPORT EQUIPMENT

NAME

PART NO.

SERIAL NO.

CONT. NO.

TECH. SUPERVISION-M.I.T. INSTRUMENTATION LAB

DESIGN AND MFG

US

1004260-2

NOTES:

1. NAMEPLATES TO CONFORM WITH MIL-M-13231.

(A) REPLACED WITH CHANGES BY REV B

QTY. REQD.	NOMENCLATURE OR DESCRIPTION	PART OR IDENTIFYING NO.	SPECIFICATION	MATERIAL OR NOTES	FIND NO.

LIST OF PARTS AND MATERIALS

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS DECIMALS ANGLES
DO NOT SCALE THIS DRAWING
MATERIAL:

NEXT ASSY | USED ON
APPLICATION

MASTER

MIT INSTRUMENTATION LAB
CONTRACT NAS 9-153

		DATE
APPROVED	L. Ellerson	26 Aug 63
CHECKED	K Ellerson	26 Aug 63
DRAWN	R LANDRY	26 AUG 63
APPROVED FOR MSC		8/29/63
MIT/IL APPROVAL		DATE 8/29/63

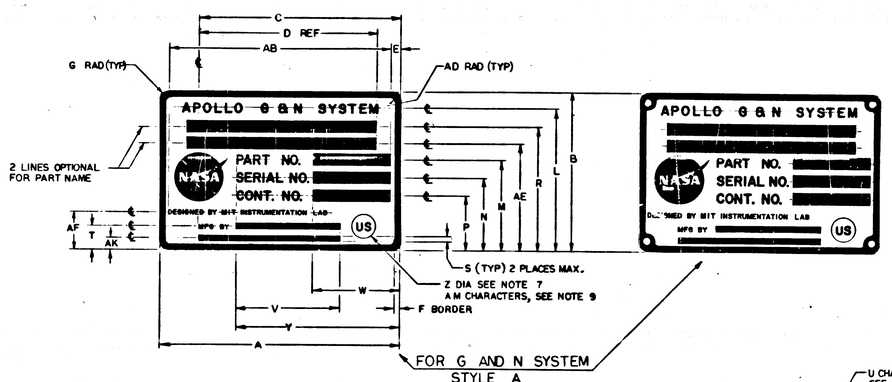
NAMEPLATES, APOLLO G&N (STANDARDS)

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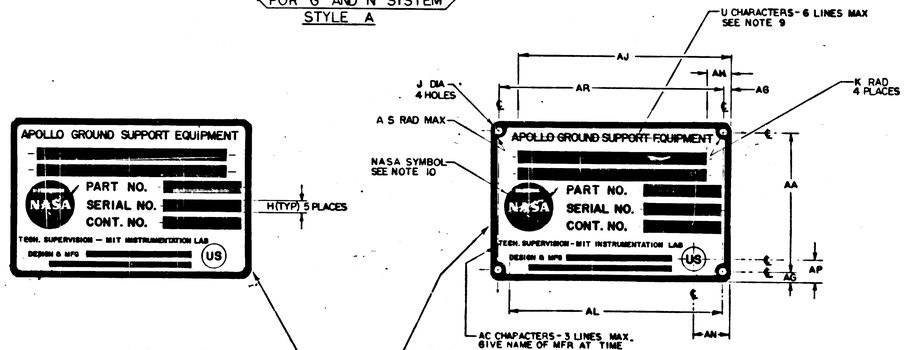
MIT INSTRUMENTATION LABORATORY
CAMBRIDGE, MASS.
DWG. NO.
MANNED SPACECRAFT CENTER
HOUSTON TEXAS
NASA DRAWING NO. 1004260
SHEET 1 OF 1

NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED IN MIL-D-70327.
2. DIMENSIONS ON EACH VIEW APPLY TO ALL VIEWS. (WITH THE EXCEPTION OF MOUNTING HOLES).
3. FORMATS ILLUSTRATED WILL BE APPLICABLE TO ALL ITEMS REQUIRING NAMEPLATES BELOW END ITEM DESIGNATION (SYSTEMS, ASSEMBLIES, ETC.)
4. PLATE, BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595, COLOR 37038. BORDER, MARKING AND LETTERING TO BE NATURAL METAL (ANODIZED ALUMINUM).
5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL P 19834.
6. LETTERING STYLE TO BE GOTHIC (SANS SERIFS), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN, CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER ND 1002019.
9. WHEN "AL" TO MARK METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC AND AM.
10. NASA SYMBOL IS TO BE PROPORTIONAL TO NAMEPLATE IN RATIO OF 1 TO 5 WITH DIMENSION A VALUE AND IS TO HAVE NATURAL BACKGROUND. NASA SYMBOL LETTERS LETTERING AND FEATHER TO BE BLACK, (OR WHITE FOR SILK SCREENING). WHERE BLACK FEATHER PROTRUDES INTO BLACK BACKGROUND, A MINIMUM OUTLINE OF NATURAL BACKGROUND SHALL EXIST.
11. NAMEPLATES WILL BE APPLIED BY METHODS LISTED BELOW, SHOWN IN ORDER OF PREFERENCE, (I.E., FOR RELIABILITY AND WEIGHT).
    A - STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT USING INK PER SCD 1010920, (WHITE OR BLACK).
    B - ALUMINUM FOIL (STYLE A OR B, TYPE I):
    FOIL SHALL BE .0030 ± .0005 THICK PER MIL-A-148.
    FOIL SHALL HAVE NO ADHESIVE BACKING.
    FOIL SHALL BE BONDED PER ND 1002219, (METHOD II).
    FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    C - PLATE, (STYLE A OR B, TYPE II):
    MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY, .032 THICK.
    ANODIZE PER MIL-A-8625, TYPE II.
    ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
12. NAMEPLATES SHALL BE CAPABLE OF MEETING APPLICABLE REQUIREMENTS OF MIL-M-13231.
13. ON DIMENSION TABLES SHOWN ON PAGES 2, 3, 4 AND 5, NA MEANS, "NOT APPLICABLE".



FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I

WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

1.	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
2.	1.000 A	.6563 A	.8438 A	.5875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0547 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A

REVISIONS							
SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
	G	REPLACES REV F WITH CHANGE PER TDRR 20854			7/16/65	
*	H	REVISED PER TDRR 20892			8/2/65	
*	J	REVISED PER TDRR 20904			8/6/65	
*	K	REVISED PER TDRR 21379			9/16/65	
*	L	REVISED PER TDRR 21410			10/5/65	
*	M	REVISED PER TDRR 21993				
*	N	REVISED PER TDRR 22621			10/	
*	P	REVISED PER TDRR 22671			11/	
*	R	REVISED PER TDRR 22672				
*	S	REVISED PER TDRR 22750			12/	
	T	REVISED PER TDRR 22823				
*	U	REVISED PER TDRR 23072			11-23-65	
	V	REVISED PER TDRR 23527			12-7-65	
*	W	REVISED PER TDRR 23824	RAJ		1-19-65	
*	Y	REVISED PER TDRR 24018	RAJ		1-19-65	
*	Z	REVISED PER TDRR 24040	RAJ		1-19-65	
(12)	AA	REVISED PER TDRR 24060	RAJ		1-19-66	
(13)	AB	REVISED PER TDRR 24868	RAJ		2-22-66	
(14)	AC	REVISED PER TDRR 24973	RAJ		1-4-66	
(15)	AD	REVISED PER TDRR 25065	RAJ		1-18-66	
*	AE	REVISED PER TDRR 25672	RAJ		2-4-66	
(16)	AF	REVISED PER TDRR 25671	RAJ		2-4-66	
	AG	REVISED PER TDRR 26110	RAJ		2-25-66	
*	AH	REVISED PER TDRR 26372	*		3-6-66	
*	AJ	REVISED PER TDRR 26425	*		3-6-66	
*	AK	REVISED PER TDRR 26743	*		3-16-66	
(17)	AL	REVISED PER TDRR 26798	*		3-16-66	
	AM	REVISED PER TDRR 27168	*		4-7-66	
*	AN	REVISED PER TDRR 27235	*		4-7-66	
*	AP	REVISED PER TDRR 27345	*		4-7-66	
*	AR	REVISED PER TDRR 27417	*		4-7-66	
	AS	REVISED PER TDRR 27442	*		4-7-66	

(6) REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES CAPACITOR VALUES ARE IN μf RESISTOR VALUES ARE IN OHMS TOLERANCES ON FRACTIONS ± —— DECIMALS ± .005 ANGLES ± — DO NOT SCALE THIS DRAWING	MATERIAL SEE NOTE 11	MIT INSTRUMENTATION LAB CAMBRIDGE MASS.	MANNED SPACECRAFT CENTER HOUSTON, TEXAS
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		CHECKED R. G. Jones 7-20-65	
		APPROVED	
		APPROVED W. Hyde 8/1/65	
AS APPLICABLE NEXT ASSY / USED ON APPLICATION		APPROVED MIT W. Hyde 8/1/65	CODE IDENT NO. 80230 / SIZE E / DRAWING NO. 1004260
		APPROVED MSC	DATE / SCALE NONE / SHEET 1 OF 6

MASTER

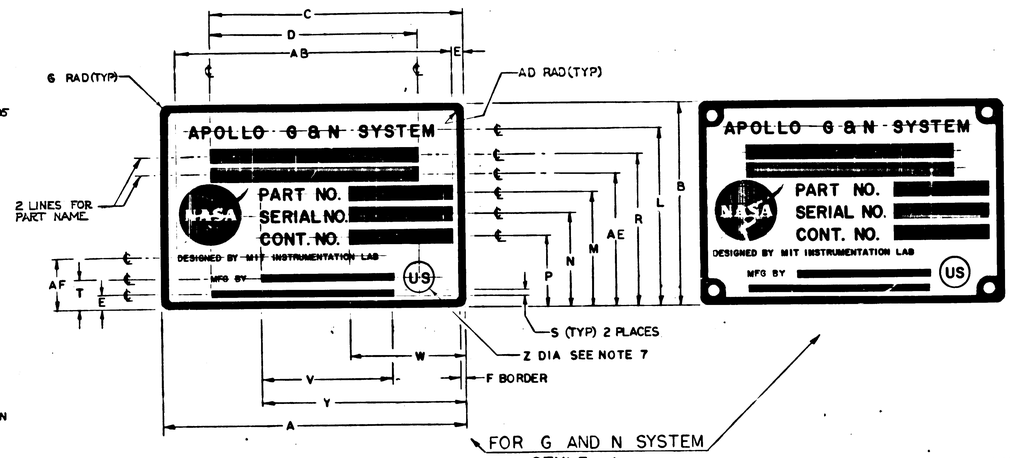
1004260 A3

NOTICE – WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS, OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

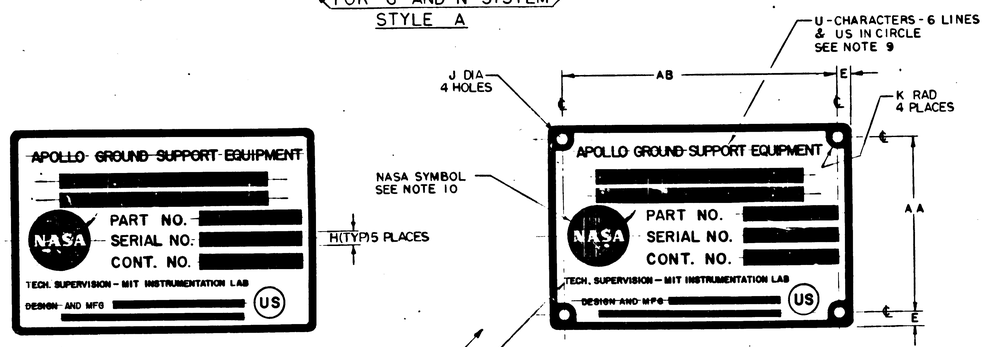
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B	REPLACES REV. A PER TDRR 18087	6APR65	WL

NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED IN MIL-D-70327.
2. DIMENSIONS ON EACH VIEW APPLY TO ALL VIEWS. (WITH THE EXCEPTION OF MOUNTING HOLES).
3. FORMATS ILLUSTRATED WILL BE APPLICABLE TO ALL ITEMS REQUIRING NAMEPLATES BELOW END ITEM DESIGNATION (SYSTEMS, ASSEMBLIES, ETC.)
4. PLATE BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595 COLOR 37038. BORDER, MARKING, & LETTERING TO BE NATURAL METAL (ANODIZED ALUMINUM)
5. MARKING METHOD TO BE DIE STAMPING, ETCHING, OR ENGRAVING IN ACCORDANCE WITH MIL-P-19834
6. LETTERING STYLE TO BE GOTHIC (SANS SERIFS) AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN, CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY USING NASA DRAWING NUMBER, REVISION LETTER, & MANUFACTURER'S SYMBOL PER ND1002019.
9. WHEN "AUTO MARK" METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSION AC AND U.
10. NASA SYMBOL IS TO BE PROPORTIONATE TO NAMEPLATE. NASA SYMBOL TO HAVE NATURAL BACKGROUND. NASA OUTLINE CIRCLE, LETTERING AND FEATHER TO BE BLACK, (OR WHITE FOR SILK SCREENING).
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    - A: STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT. USING INK PER SCD1010920, (WHITE OR BLACK).
    - B ALUMINUM FOIL: (TYPE A): FOIL SHALL BE .0030 ± .0005 THICK PER MIL-A-148. FOIL SHALL HAVE NO ADHESIVE BACKING. FOIL SHALL BE APPLIED PER ND 1002219 (MODIFIED). FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625 TYPE II.
    - C PLATE (TYPE B): MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY .032 THICK. ANODIZE PER MIL-A-8625, TYPE II ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS. MOUNTED WITH APPLICABLE SIZE FASTENERS.
12. NAMEPLATES SHALL BE CAPABLE OF MEETING APPLICABLE REQUIREMENTS OF MIL-M-13231.



FOR G AND N SYSTEM
STYLE A



FOR GROUND SUPPORT EQUIPMENT
STYLE B

Ⓑ REPLACES REV A WITH CHANGES

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS			

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON FRACTIONS ± — DECIMALS ±.005 ANGLES ± —	
DO NOT SCALE THIS DRAWING	
MATERIAL SEE NOTE 11	
HEAT TREATMENT	
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NEXT ASSY / USED ON / APPLICATION	

MIT INSTRUMENTATION LAB, Cambridge, Mass. — DWG. NO. — CONTRACT

DRAWN R.G. Jones DATE 4-1-65
CHECKED [illegible] 4-5-65
APPROVAL [illegible]
APPROVAL
NASA APPROVAL [illegible] 4-6-65
MIT APPROVAL [illegible] 4-6-65

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

NAMEPLATES, APOLLO G&N/GSE (STANDARDS)

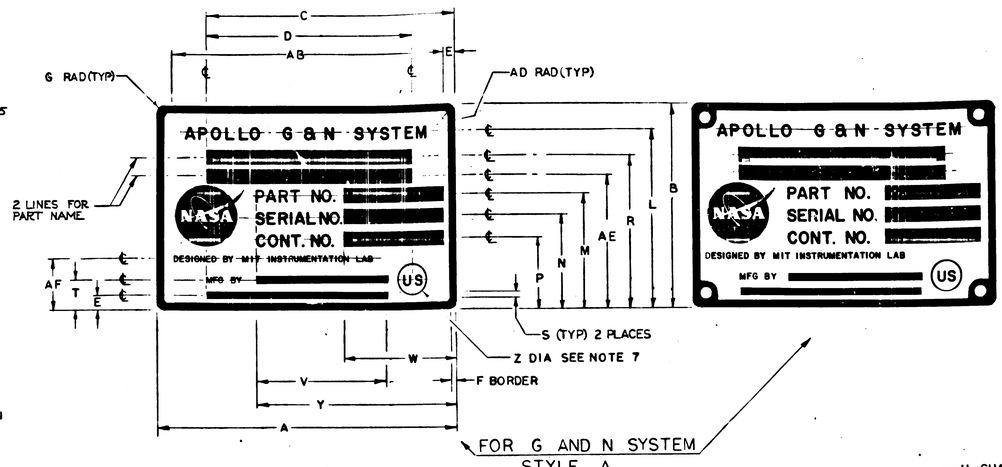
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NOTICE - WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS, OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

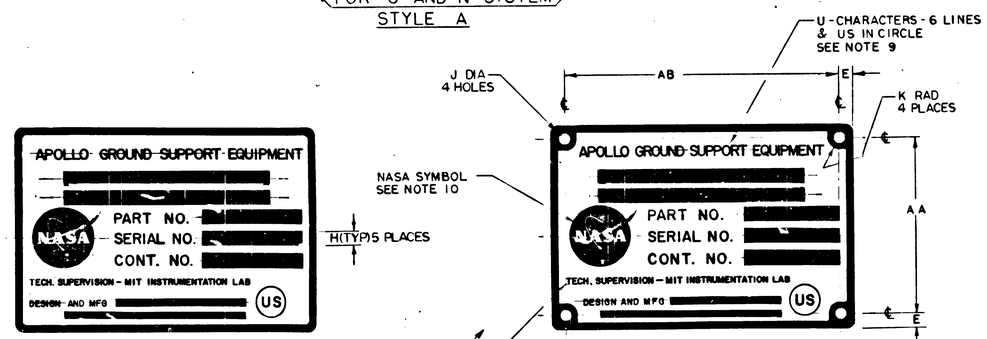
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C	REVISED PER TDRR 19703	2 JUN 65	WK
D	REVISED PER TDRR 19901	30 JUN 65	WK
E	REVISED PER TDRR 19998	10 AUG 65	WK

NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED IN MIL-D-70327.
2. DIMENSIONS ON EACH VIEW APPLY TO ALL VIEWS. (WITH THE EXCEPTION OF MOUNTING HOLES).
3. FORMATS ILLUSTRATED WILL BE APPLICABLE TO ALL ITEMS REQUIRING NAMEPLATES BELOW END ITEM DESIGNATION (SYSTEMS, ASSEMBLIES, ETC.)
4. PLATE BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595 COLOR 37038. BORDER, MARKING, & LETTERING TO BE NATURAL METAL (ANODIZED ALUMINUM)
5. MARKING METHOD TO BE DIE STAMPING, ETCHING, OR ENGRAVING IN ACCORDANCE WITH MIL-P-19834
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11. NAMEPLATES WILL APPLIED BY METHODS LISTED BELOW, SHOWN IN ORDER OF PREFERENCE (IE., FOR RELIABILITY & WEIGHT):
    - A. STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT. USING INK PER SCD 1010920, (WHITE OR BLACK).
    - B. ALUMINUM FOIL: (TYPE I): FOIL SHALL BE .0030 ± .0005 THICK PER MIL-A-148. FOIL SHALL HAVE NO ADHESIVE BACKING. FOIL SHALL BE APPLIED PER ND 1002219 (MODIFIED). FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625 TYPE II.
    - C. PLATE (TYPE II): MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY .032 THICK. ANODIZE PER MIL-A-8625, TYPE II ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS. MOUNTED WITH APPLICABLE SIZE FASTENERS.
12. NAMEPLATES SHALL BE CAPABLE OF MEETING APPLICABLE REQUIREMENTS OF MIL-M-13231.



FOR G AND N SYSTEM
STYLE A



FOR GROUND SUPPORT EQUIPMENT
STYLE B

(B) REPLACES REV A WITH CHANGES

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS			

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON FRACTIONS ± — DECIMALS ±.005 ANGLES ± —	
DO NOT SCALE THIS DRAWING	
MATERIAL SEE NOTE 11	
HEAT TREATMENT	
FINAL FINISH	
AS APPLICABLE	
NEXT ASSY / USED ON	
APPLICATION	

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DOC. NO. — CONTRACT —
DRAWN R A Jones DATE 4-1-65
CHECKED [signature] 4-5-65
APPROVAL [signature]
APPROVAL —
NASA APPROVAL [signature] 10-6-65
MIT APPROVAL [signature]

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NAMEPLATES, APOLLO G&N/GSE (STANDARDS)

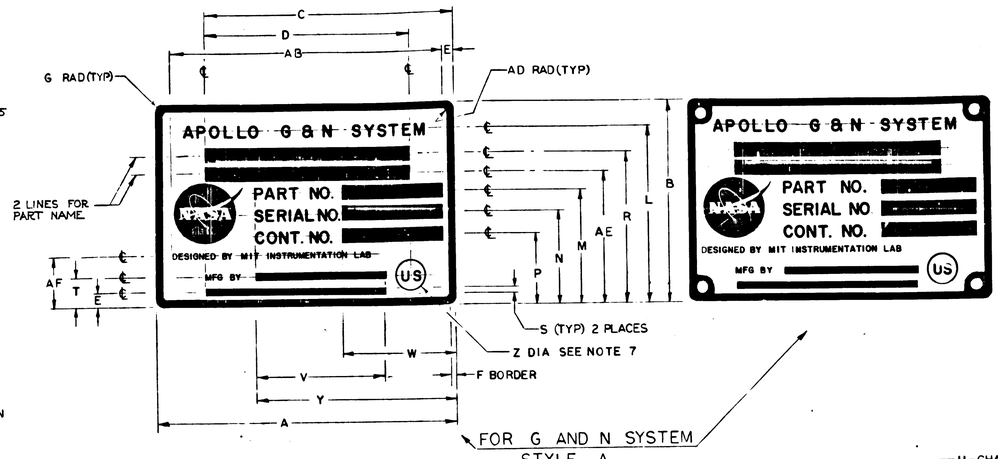
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80230	D	1004260
SCALE NONE	WT	SHEET 1 OF 2

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

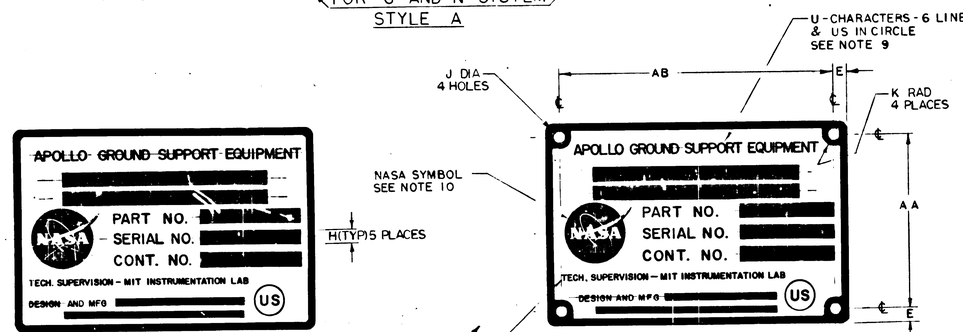
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SYM	DESCRIPTION	DATE	APPROVAL
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C	REVISED PER TDRR 19743	2 JUN 65	WR
D	REVISED PER TDRR 19901	8 JUN 65	WR
E	REVISED PER TDRR 19998	10 JUN 65	WR
F	REPLACED WITH CHANGE BY REV G PER TDRR 20854	22 JUL 65	WR

NOTES:

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    - C. PLATE (TYPE II):
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      ANODIZE PER MIL-A-8625, TYPE II
      ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS.
      MOUNTED WITH APPLICABLE SIZE FASTENERS.
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FOR G AND N SYSTEM
STYLE A



FOR GROUND SUPPORT EQUIPMENT
STYLE B

(F) REPLACED WITH CHANGE BY REV G
(B) REPLACES REV A WITH CHANGES

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.
		LIST OF MATERIALS	

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON FRACTIONS ± — DECIMALS ±.005 ANGLES ± — DO NOT SCALE THIS DRAWING	MIT INSTRUMENTATION LAB CAMBRIDGE, MASS. DWG. NO. CONTRACT
		MATERIAL SEE NOTE 11	DRAWN R A Jones DATE 4-1-65
		HEAT TREATMENT	CHECKED
AS APPLICABLE		FINAL FINISH	APPROVAL
NEXT ASSY	USED ON		APPROVAL
APPLICATION			NASA APPROVAL
			MIT APPROVAL

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

NAMEPLATES, APOLLO G&N/GSE (STANDARDS)

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SCALE NONE	WT	SHEET 1 OF 2

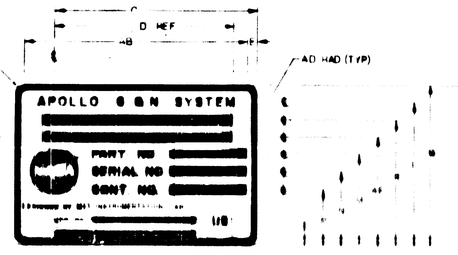
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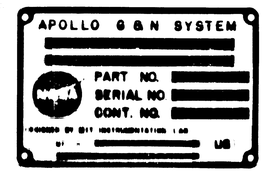
NOTICE - WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS, OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

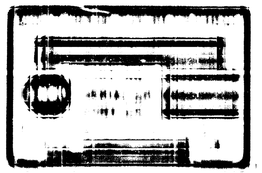
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G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/6/65		

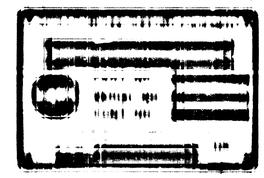
NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED IN MIL-D-70327.
2. DIMENSIONS ON EACH VIEW APPLY TO ALL VIEWS. (WITH THE EXCEPTION OF MOUNTING HOLES).
3. FORMATS ILLUSTATED WILL BE APPLICABLE TO ALL ITEMS REQUIRING NAMEPLATES BELOW END ITEM DESIGNATION (SYSTEMS, ASSEMBLIES, ETC.)
4. PLATE BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595, COLOR 37038. BORDER, MARKING AND LETTERING TO BE NATURAL METAL,(ANODIZED ALUMINUM).
5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL P 19834.
6. LETTERING STYLE TO BE GOTHIC(SANS SERIFS), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN,CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER AND REVISION PER ND 1002019.
9. WHEN AUTO MARK METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC AND AM.
10. [illegible] NAMEPLATE AND IS TO HAVE NATURAL BACKGROUND [illegible] CIRCLE, LETTERING AND FEATHER TO BE BLACK, [illegible] SILK SCREENING).
11. [illegible] METHODS LISTED BELOW.
12. [illegible] WHEN DIRECTLY ON EQUIPMENT [illegible] WHITE OR BLACK).
13. [illegible] .040.
14. [illegible]
15. [illegible] TYPE I.
16. [illegible] ALLOY, .032 THICK.
17. [illegible]
18. [illegible]







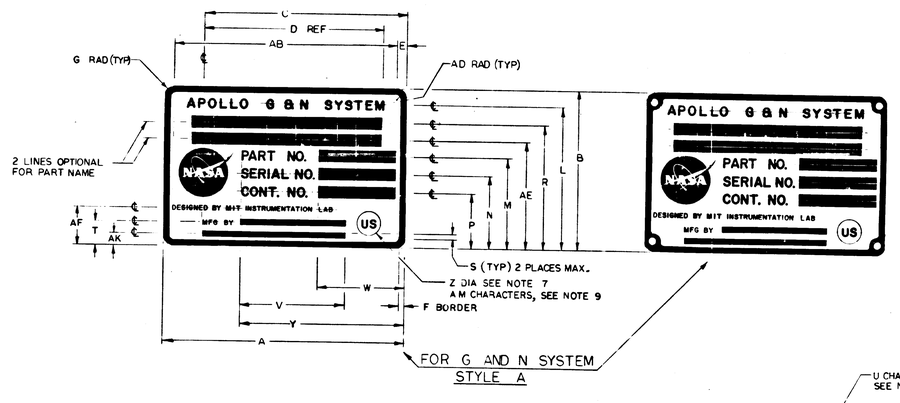


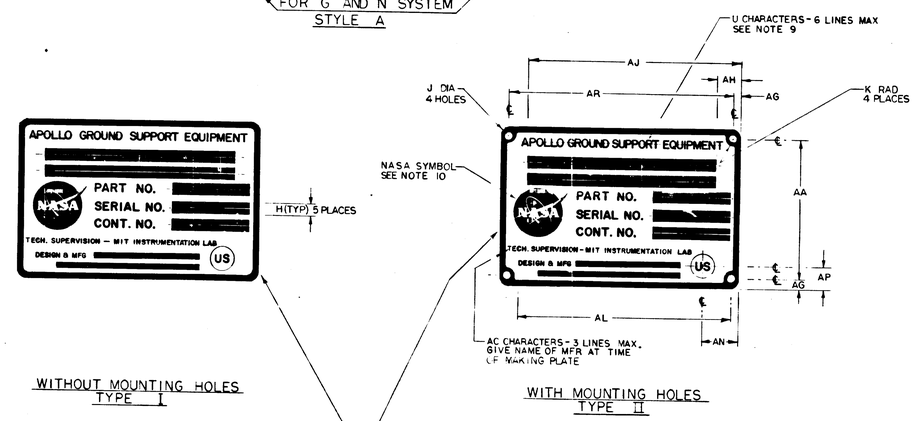
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NOTES:

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7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN, CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER AND REVISION PER ND 1002019.
9. WHEN "AUTO MARK" METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC AND AM.
10. NASA SYMBOL IS TO BE PROPORTIONAL TO NAMEPLATE AND IS TO HAVE NATURAL BACKGROUND. NASA OUTLINE CIRCLE, LETTERING AND FEATHER TO BE BLACK, (OR WHITE FOR SILK SCREENING).
11. NAMEPLATES WILL BE APPLIED BY METHODS LISTED BELOW, SHOWN IN ORDER OF PREFERENCE, (I.E., FOR RELIABILITY AND WEIGHT).
    - A - STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT USING INK PER SCD 1010920, (WHITE OR BLACK).
    - B - ALUMINUM FOIL, (TYPE I):
      FOIL SHALL BE .0030 ± .0005 THICK PER MIL-A-148.
      FOIL SHALL HAVE NO ADHESIVE BACKING.
      FOIL SHALL BE APPLIED PER ND 1002219, (MODIFIED).
      FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    - C - PLATE, (TYPE II):
      MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY, .032 THICK.
      ANODIZE PER MIL-A-8625, TYPE II.
      ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
12. NAMEPLATES SHALL BE CAPABLE OF MEETING APPLICABLE REQUIREMENTS OF MIL-M-13231.

REVISIONS						
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/14/65	
H		REVISED PER TDRR 20892			7/16/65	
J		REVISED PER TDRR 20904			7/16/65	





G REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS				

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS — DECIMALS ± .005 — ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL: SEE NOTE 11

AS APPLICABLE | NEXT ASSY | USED ON | APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN	C.J. Gregg	7/16/65
CHECKED	D. J. Lang	7-22-65
APPROVED		
APPROVED	W. Hayden	7/16/65
APPROVED MIT	W. Hayden	7/16/65
APPROVED MSC		

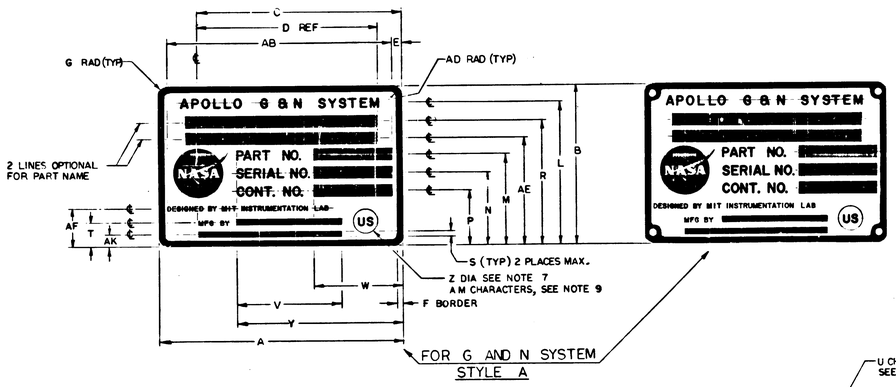
NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

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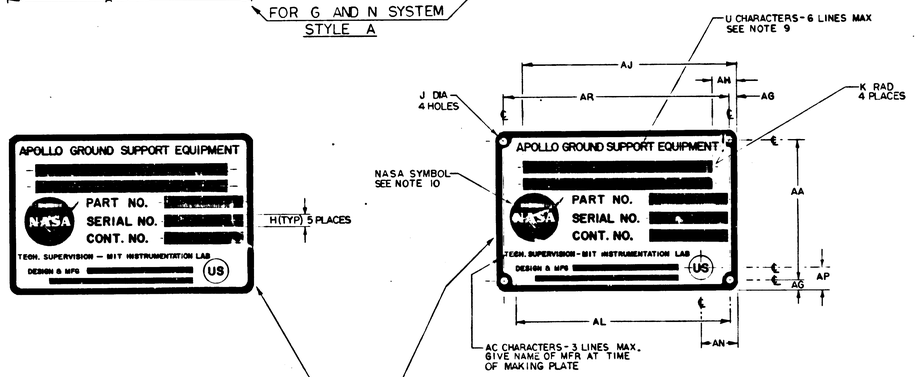
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REVISIONS						02768
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
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H		REVISED PER TDRR 20892			8/2/65	[illegible]
J		REVISED PER TDRR 20904			8/16/65	[illegible]
K		REVISED PER TDRR 21379			5/16/67	MIL

NOTES:
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8. IDENTIFY WITH DRAWING NUMBER AND REVISION PER ND 1002019.
9. WHEN ALTO MARK METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC AND AM.
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11. NAMEPLATES WILL BE APPLIED BY METHODS LISTED BELOW, SHOWN IN ORDER OF PREFERENCE, (IE., FOR RELIABILITY AND WEIGHT).
    - A - STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT USING INK PER SCD 1010920,(WHITE OR BLACK).
    - B - ALUMINUM FOIL, (TYPE II);
      FOIL SHALL BE .0030 ± .0005 THICK PER MIL-A-148.
      FOIL SHALL HAVE NO ADHESIVE BACKING.
      FOIL SHALL BE APPLIED PER ND 1002219,(MODIFIED).
      FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    - C - PLATE, (TYPE II);
      MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY, .032 THICK.
      ANODIZE PER MIL-A-8625, TYPE II.
      ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
12. NAMEPLATES SHALL BE CAPABLE OF MEETING APPLICABLE REQUIREMENTS OF MIL-M-13231.



FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I

WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

© REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS				

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	R. J. Jones	7/16/65
CHECKED	D. J. Lucas	7-22-65
APPROVED	[illegible]	7/22/65
APPROVED	[illegible]	7/22/65
APPROVED MIT	[illegible]	8/4/65
APPROVED MSC	[illegible]	7/24/65

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

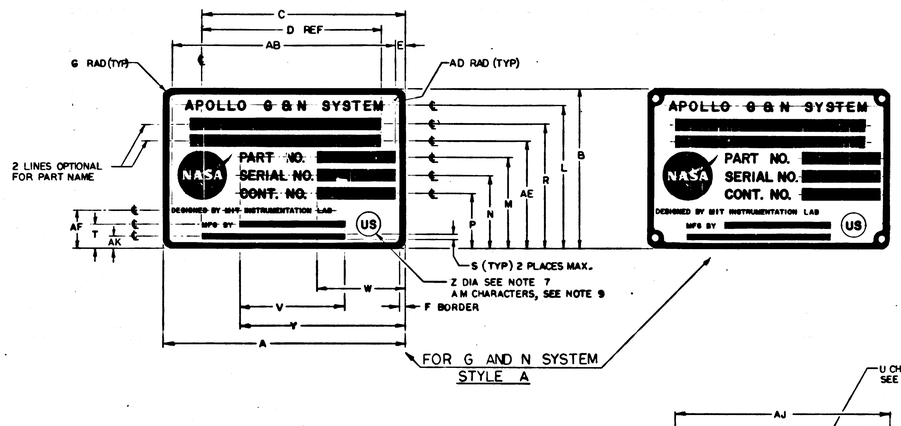
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1004260 K

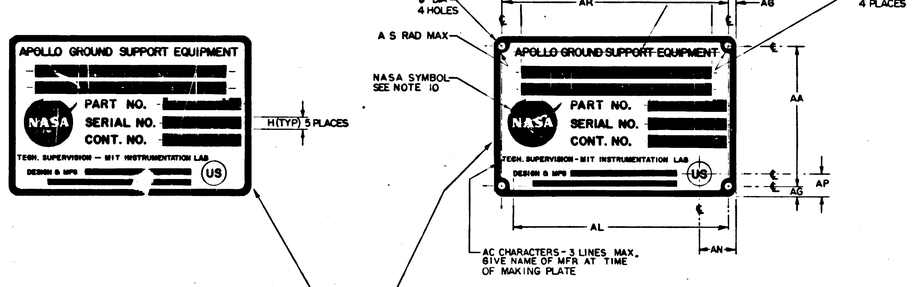
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H		REVISED PER TDRR 20892			8/26/65	
J		REVISED PER TDRR 20904			9/16/65	
K		REVISED PER TDRR 21379			5/6/65	
L		REVISED PER TDRR 21410			5/23/65	

NOTES:

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5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL P 19834.
6. LETTERING STYLE TO BE GOTHIC,(SANS SERIFS), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN, CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER ND1002019.
9. WHEN "AUTO MARK" METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC AND AM.
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11. NAMEPLATES WILL BE APPLIED BY METHODS LISTED BELOW, SHOWN IN ORDER OF PREFERENCE, (I.E., FOR RELIABILITY AND WEIGHT).
    - A - STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT USING INK PER SCD 1010920,(WHITE OR BLACK).
    - B - ALUMINUM FOIL,(STYLE A OR B, TYPE I); FOIL SHALL BE .0030 ± .0005 THICK PER MIL-A-148. FOIL SHALL HAVE NO ADHESIVE BACKING. FOIL SHALL BE APPLIED PER ND 1002219,(MODIFIED). FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    - C - PLATE, (STYLE A OR B, TYPE II); MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY, .032 THICK. ANODIZE PER MIL-A-8625, TYPE II. ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
12. NAMEPLATES SHALL BE CAPABLE OF MEETING APPLICABLE REQUIREMENTS OF MIL-M-13231.
13. ON DIMENSION TABLES SHOWN ON PAGES 2, 3, 4 AND 5, NA MEANS, "NOT APPLICABLE".



FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I

WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0547 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.6659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A
2.																																						

⑥ REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS — DECIMALS .005 ANGLES —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MASTER

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	R. G. Jones	7/16/65
CHECKED	A. J. Lowe	7-22-65
APPROVED		
APPROVED		
APPROVED MIT		
APPROVED MSC		

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

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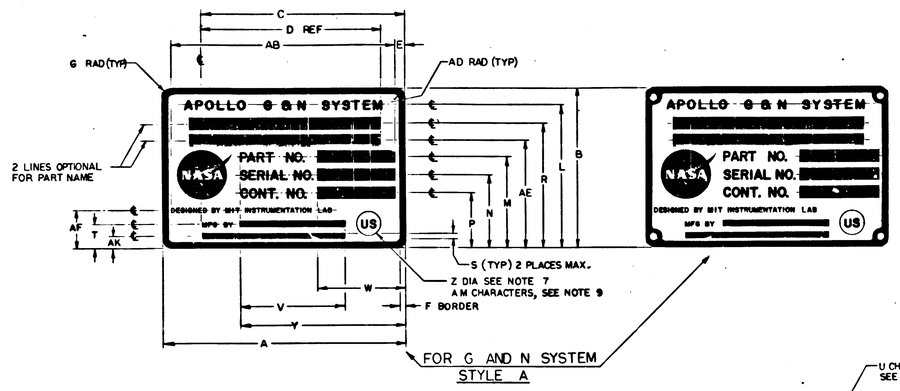
DATE | SCALE NONE | SHEET 1 OF 5

1004260 L1

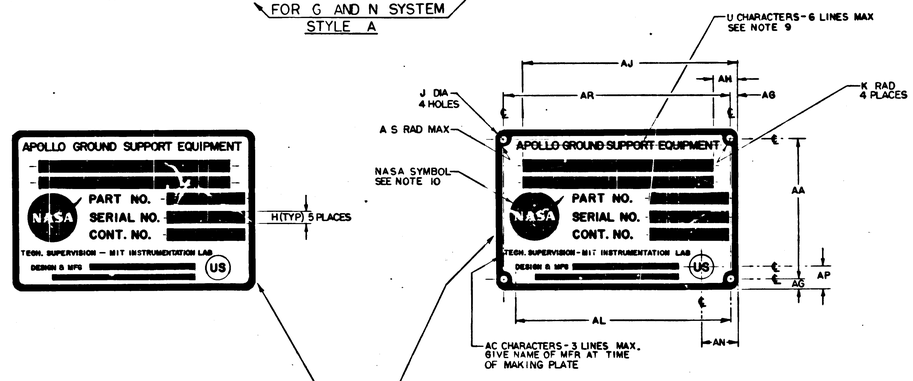
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SYM	ZONE	DESCRIPTION	ECR	CHK	DATE	APPROVED	
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/16/65	WH	
H		REVISED PER TDRR 20892			8/25/65	WH	
J		REVISED PER TDRR 20904			8/31/65	WH	
K		REVISED PER TDRR 21379			10/6/65	WH	
L		REVISED PER TDRR 21410			10/25/65	WH	
M		REVISED PER TDRR 21993			12/9/65		
N		REVISED PER TDRR 22621			1/6/66		
P		REVISED PER TDRR 22671			1/11/66		
R		REVISED PER TDRR 22672			1/11/66		
S		REVISED PER TDRR 22750			1/28/66	WH	
T		REVISED PER TDRR 22823			2/3/66	WH	

NOTES:

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5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL P 19834.
6. LETTERING STYLE TO BE GOTHIC (SANS SERIFS), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN, CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER ND1002019.
9. WHEN "AL" TO MARK METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC AND AM.
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    - B - ALUMINUM FOIL, (STYLE A OR B, TYPE I): FOIL SHALL BE .0030 ±.0005 THICK PER MIL-A-148. FOIL SHALL HAVE NO ADHESIVE BACKING. FOIL SHALL BE BONDED PER ND 1002219, (METHOD II). FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
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FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I

WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0547 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A
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Ⓖ REPLACES REV F WITH CHANGE

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			LIST OF MATERIALS	

MASTER

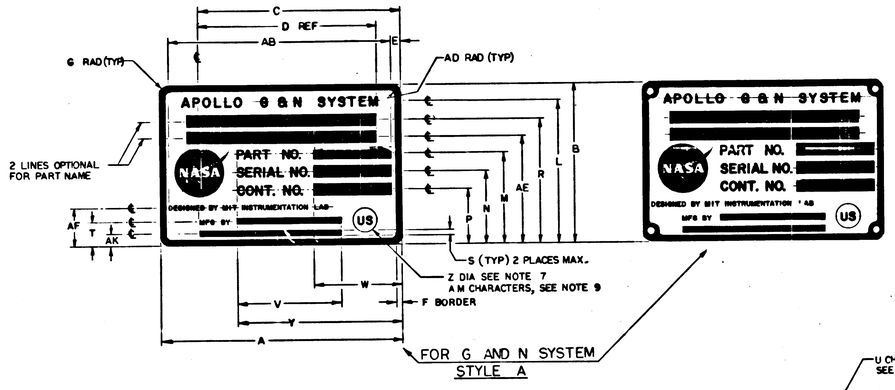
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AS APPLICABLE		MATERIAL SEE NOTE 11	MANNED SPACECRAFT CENTER HOUSTON, TEXAS
NEXT ASSY	USED ON		DRAWN R.G. Jones 7/16/65
APPLICATION			CHECKED R.G. Jones 7-22-65
			APPROVED W.H. 7/22/65
			APPROVED 7/22/65
			AP. APPROVED MIT W.H. 2/4/66
			APPROVED MSC 2/4/66
			CODE IDENT NO. 80230
			SIZE E
			DRAWING NO. 1004260
			DATE SCALE NONE
			SHEET 1 OF 5

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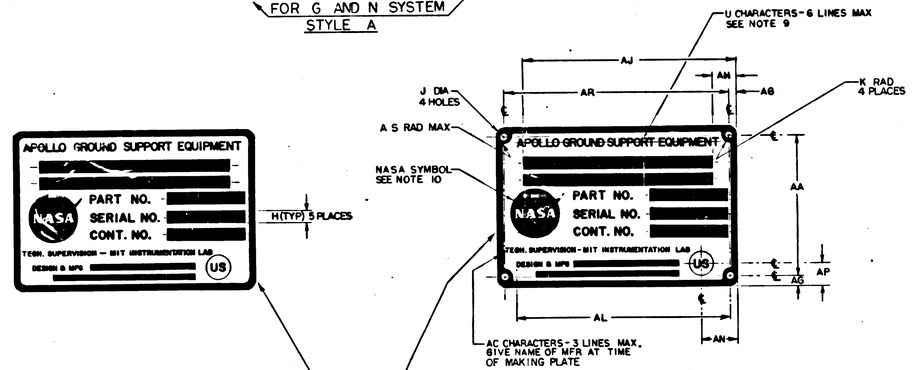
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		02768				
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* H		REVISED PER TDRR 20892			7/26/65	WH
J		REVISED PER TDRR 20904			8/4/65	WH
K		REVISED PER TDRR 21379			9/16/65	WH
L		REVISED PER TDRR 21410			10/13/65	WH
* M		REVISED PER TDRR 21993			12/	
* N		REVISED PER TDRR 22621			1/	
* P		REVISED PER TDRR 22671			1/	
* R		REVISED PER TDRR 22672			1/	
* S		REVISED PER TDRR 22750			1/	
T		REVISED PER TDRR 22823			2/	
* U		REVISED PER TDRR 23072			11-23-66	
V		REVISED PER TDRR 23521			10-27-66	

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4. PLATE BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595, COLOR 37038. BORDER, MARKING AND LETTERING TO BE NATURAL METAL,(ANODIZED ALUMINUM).
5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL P 19834.
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FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I

WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0547 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A
2.																																						

Ⓖ REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ± .005 ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	R. G. Jones	7/16/65
CHECKED	G. J. Lennon	7-22-65
APPROVED	W. Hayes	7/22/65
APPROVED	W. Hayes	8/4/65
APPROVED MIT	W. Hayes	8/4/65
APPROVED MSC	[illegible]	DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

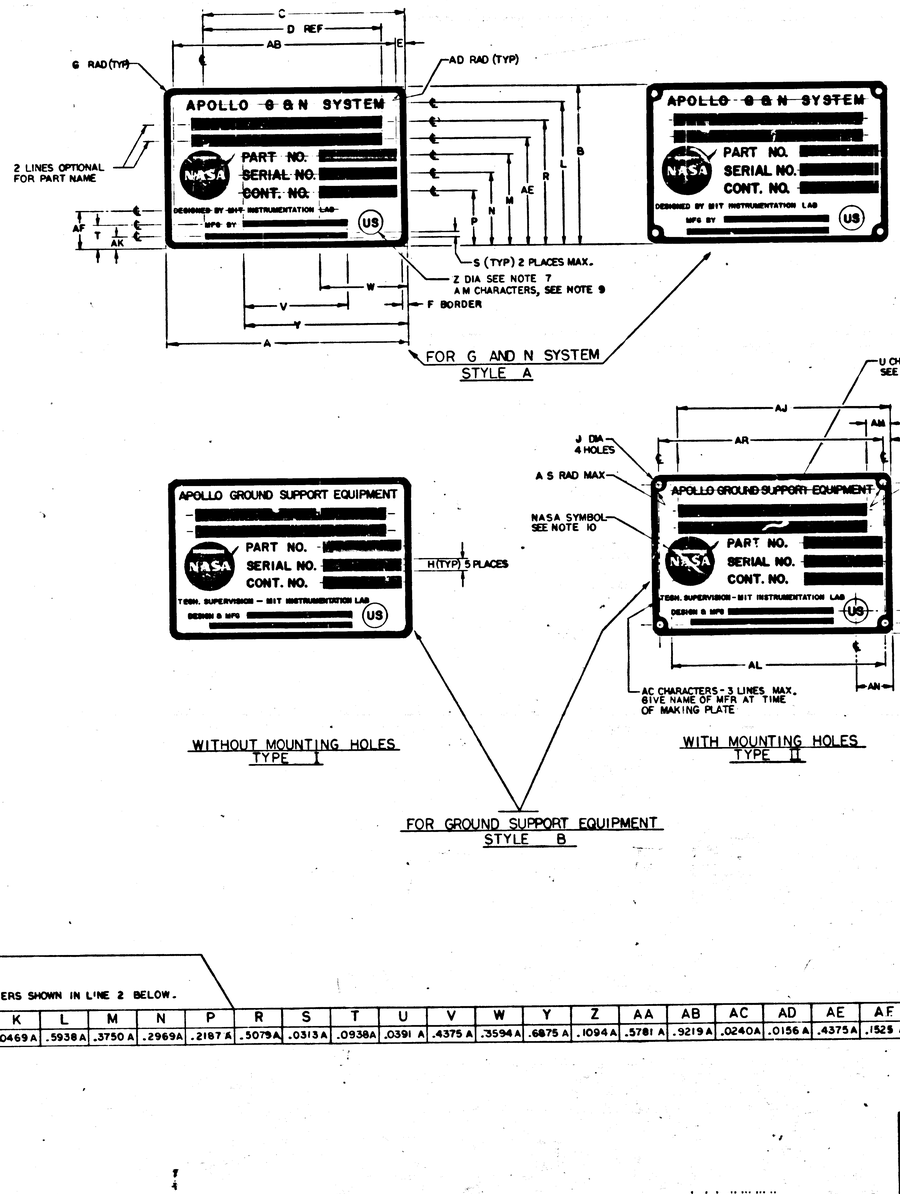
CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260 | SCALE NONE | SHEET 1 OF 5

MASTER

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	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0847 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A
2.																																						

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QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.		MANNED SPACECRAFT CENTER HOUSTON, TEXAS	
DESIGN R.G. Jones	7/16/65	NAMEPLATES, APOLLO G&N-GSE (STANDARDS)	
CHECKED R.G. Jones	9-22-65		
APPROVED W.W. Hoppe	9/24/65		
APPROVED W.W. Hoppe	9/24/65	CODE IDENT NO. 80230	SIZE E
APPROVED MIT	9/24/65	DRAWING NO. 1004260	
APPROVED NASA	10-6-65	SCALE NONE	SHEET 1 OF 5
		DATE	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ± .005 ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL: SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MASTER

REVISIONS					
SYM	ZONE	DESCRIPTION	BY	CHK	DATE / APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/16/65
H		REVISED PER TDRR 20892			8-2-65
J		REVISED PER TDRR 20904			8-9-65
K		REVISED PER TDRR 21379			9-16-65
L		REVISED PER TDRR 21410			9-24-65
M		REVISED PER TDRR 21993			10/
N		REVISED PER TDRR 22621			11/
P		REVISED PER TDRR 22671			
R		REVISED PER TDRR 22672			
S		REVISED PER TDRR 22750			
T		REVISED PER TDRR 22823			
U		REVISED PER TDRR 23072			11-23-65
V		REVISED PER TDRR 23521			12-27-65
W		REVISED PER TDRR 23824	RAJ		1-26-65
Y		REVISED PER TDRR 24018	RAJ		11-16-65
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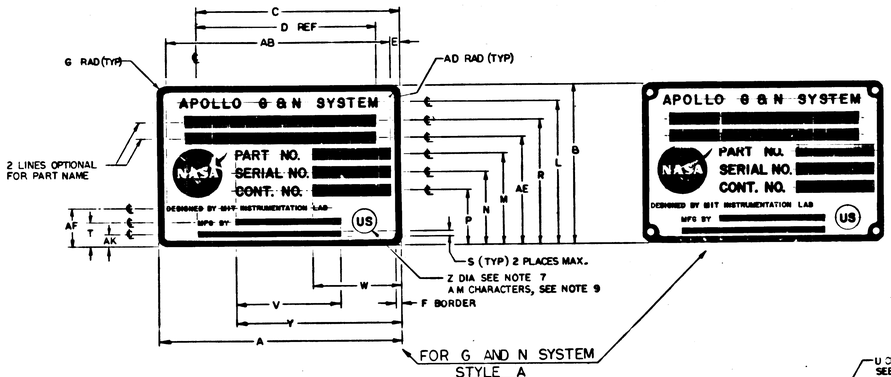
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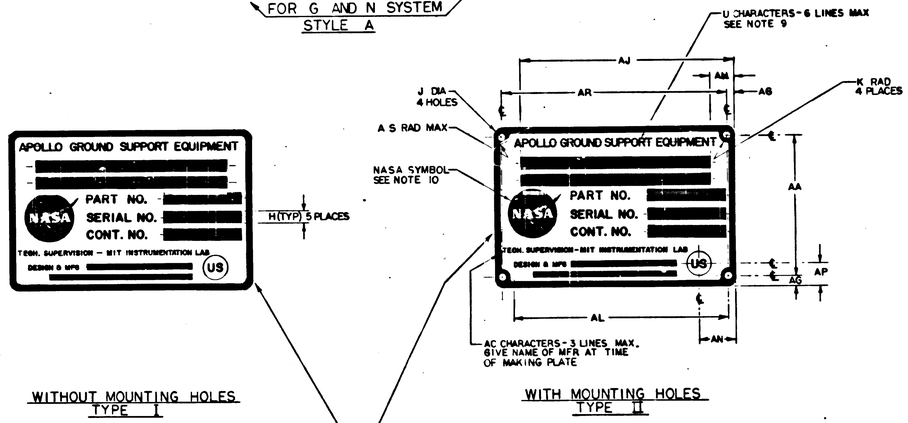
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S		REVISED PER TDRR 22750			11/	
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Z		REVISED PER TDRR 24040	RA		11-19-65	
AA		REVISED PER TDRR 24060	RA		11-19-65	
AB		REVISED PER TDRR 24868	RA		12-22-65	

02768

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2.	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0547 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A

MASTER

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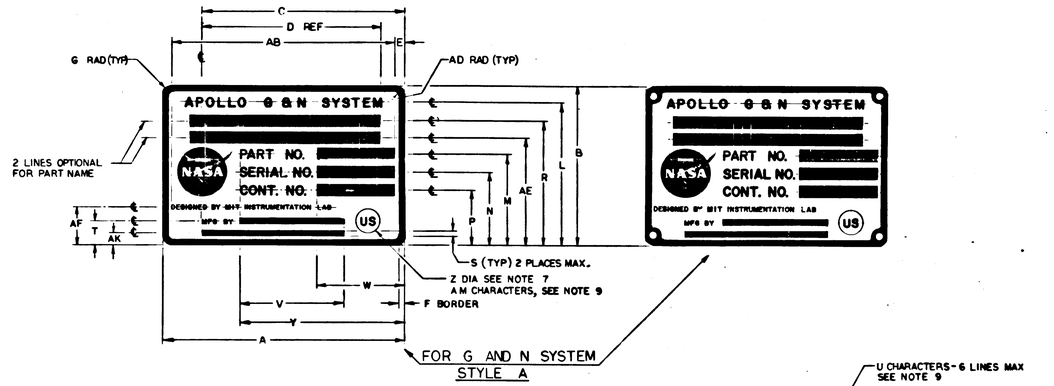
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CHECKED R. J. Lucas	7-22-65	
APPROVED	7/26/65	
APPROVED	7/26/65	
APPROVED MIT	8/4/65	CODE IDENT NO 80230 / SIZE E / DRAWING NO. 1004260
APPROVED MSC	7/26/65	SCALE NONE / SHEET 1 OF 5

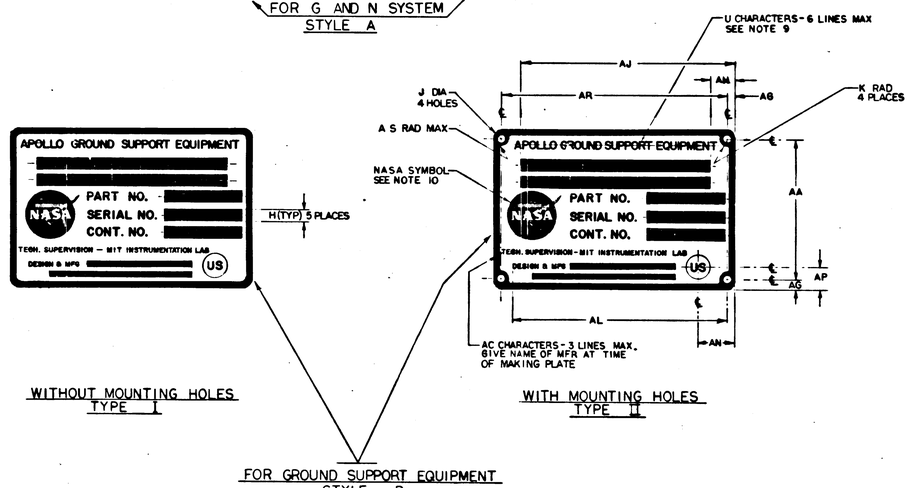
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J		REVISED PER TDRR 20904			8/16/65		
K		REVISED PER TDRR 21379			10/6/65		
L		REVISED PER TDRR 21410			10/25/65		
* M		REVISED PER TDRR 21993			12/9/65		
* N		REVISED PER TDRR 22621			1/4/66		
* P		REVISED PER TDRR 22671			1/11/66		
* R		REVISED PER TDRR 22672					
* S		REVISED PER TDRR 22750			2/3/66		
T		REVISED PER TDRR 22823					
* U		REVISED PER TDRR 23072			3-23-66		
V		REVISED PER TDRR 23521			5-27-66		
* W		REVISED PER TDRR 23824	RAJ		7-26-66		
* Y		REVISED PER TDRR 24018	RAJ		9-6-66		
* Z		REVISED PER TDRR 24040	RAJ		11-19-66		
AA		REVISED PER TDRR 24060	RAJ		8-19-66		
AB		REVISED PER TDRR 24868	RAJ		12-26-66		
AC		REVISED PER TDRR 24973	RAJ		1-4-66		

NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED IN MIL-D-70327.
2. DIMENSIONS ON EACH VIEW APPLY TO ALL VIEWS. (WITH THE EXCEPTION OF MOUNTING HOLES).
3. FORMATS ILLUSTATED WILL BE APPLICABLE TO ALL ITEMS REQUIRING NAMEPLATES BELOW END ITEM DESIGNATION (SYSTEMS, ASSEMBLIES, ETC.)
4. PLATE BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595, COLOR 37038. BORDER, MARKING AND LETTERING TO BE NATURAL METAL, (ANODIZED ALUMINUM).
5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL P 19834.
6. LETTERING STYLE TO BE GOTHIC, (SANS SERIFS), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN, CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER ND1002019.
9. WHEN ALTO MARK METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC AND AM.
10. NASA SYMBOL IS TO BE PROPORTIONAL TO NAMEPLATE IN RATIO OF 1 TO 5 WITH DIMENSION A VALUE AND IS TO HAVE NATURAL BACKGROUND, NASA SYMBOL LETTERS, LETTERING AND FEATHER TO BE BLACK, (OR WHITE FOR SILK SCREENING), WHERE BLACK FEATHER PROTRUDES INTO BLACK BACKGROUND, A MINIMUM OUTLINE OF NATURAL BACKGROUND SHALL EXIST.
11. NAMEPLATES WILL BE APPLIED BY METHODS LISTED BELOW, SHOWN IN ORDER OF PREFERENCE, (IE., FOR RELIABILITY AND WEIGHT).
    - A - STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT USING INK PER SCD 1010920, (WHITE OR BLACK).
    - B - ALUMINUM FOIL, (STYLE A OR B, TYPE I): FOIL SHALL BE .0030 ± .0005 THICK PER MIL-A-148. FOIL SHALL HAVE NO ADHESIVE BACKING. FOIL SHALL BE BONDED PER ND 100219, (METHOD II). FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    - C - PLATE, (STYLE A OR B, TYPE II): MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY, .032 THICK. ANODIZE PER MIL-A-8625, TYPE II. ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
12. NAMEPLATES SHALL BE CAPABLE OF MEETING APPLICABLE REQUIREMENTS OF MIL-M-13231.
13. ON DIMENSION TABLES SHOWN ON PAGES 2, 3, 4 AND 5, NA MEANS, "NOT APPLICABLE".





SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
2.	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0547 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A

Ⓖ REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. CAPACITOR VALUES ARE IN μf. RESISTOR VALUES ARE IN OHMS. TOLERANCES ON FRACTIONS ± .005, DECIMALS ± .005, ANGLES ± —. DO NOT SCALE THIS DRAWING.

MATERIAL: SEE NOTE 11

AS APPLICABLE — NEXT ASSY — USED ON — APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN	R.G. Gray	7/16/65
CHECKED	R.J. Lamont	7-22-65
APPROVED		
APPROVED		
APPROVED MIT		
APPROVED MSC		
DATE		

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | SHEET 1 OF 5

MASTER

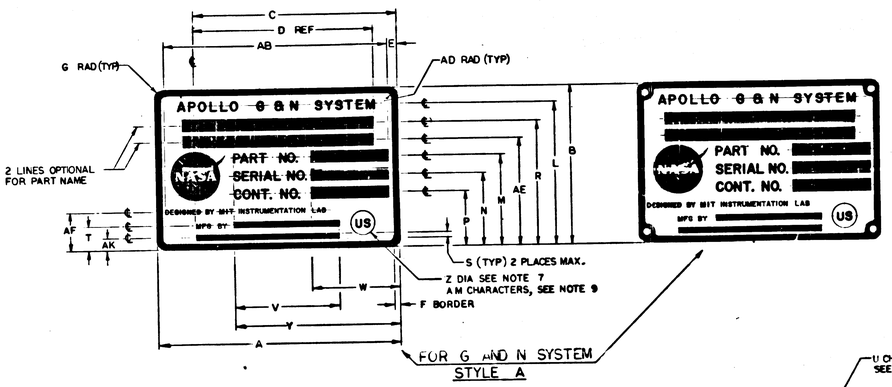
1004260 AC

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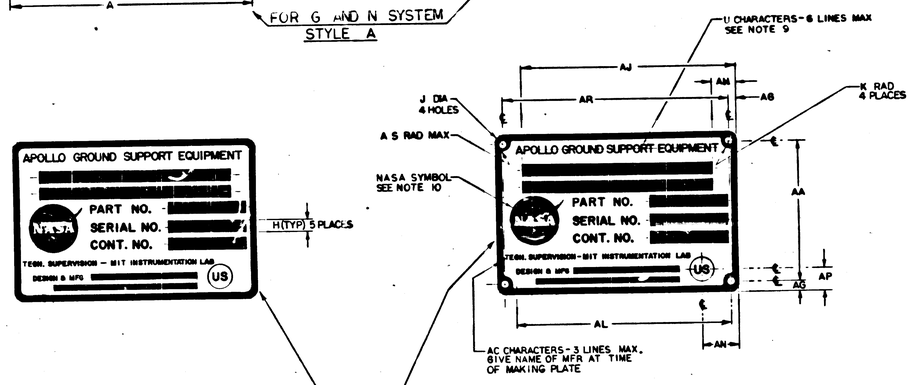
NOTES:

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5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL P 19834.
6. LETTERING STYLE TO BE GOTHIC,(SANS SERIFS), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN,CHARACTERS SHALL BE SYMMETHICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER ND1002015.
9. WHEN "AUTO MARK"METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC AND AM.
10. NASA SYMBOL IS TO BE PROPORTIONAL TO NAMEPLATE IN RATIO OF 1 TO 5 WITH DIMENSION A VALUE AND IS TO HAVE NATURAL BACKGROUND. NASA SYMBOL LETTERS LETTERING AND FEATHER TO BE BLACK,(OR WHITE FOR SILK SCREENING). WHERE BLACK FEATHER PROTRUDES INTO BLACK BACKGROUND, A MINIMUM OUTLINE OF NATURAL BACKGROUND SHALL EXIST.
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    - B - ALUMINUM FOIL,(STYLE A OR B, TYPE I): FOIL SHALL BE .0030 ±.0005 THICK PER MIL-A-148. FOIL SHALL HAVE NO ADHESIVE BACKING. FOIL SHALL BE BONDED PER ND 1002219,(METHOD II). FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    - C - PLATE, (STYLE A OR B, TYPE II): MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100,ALUMINUM ALLOY, .032 THICK. ANODIZE PER MIL-A-8625, TYPE II. ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
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13. ON DIMENSION TABLES SHOWN ON PAGES 2,3,4 AND 5, NA MEANS, "NOT APPLICABLE".

SYM	ZONE	REVISIONS DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7-16-65	
H		REVISED PER TDRR 20892			7-26-65	
J		REVISED PER TDRR 20904			8-5-65	
K		REVISED PER TDRR 21379			9-15-65	
L		REVISED PER TDRR 21410			10-25-65	
M		REVISED PER TDRR 21993			10/	
N		REVISED PER TDRR 22621			11/	
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672			1-	
S		REVISED PER TDRR 22750			1-	
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072			11-23-65	
V		REVISED PER TDRR 23521			12-2-65	
W		REVISED PER TDRR 23824	RAJ		1-6-66	
Y		REVISED PER TDRR 24018	RAJ		2-8-66	
Z		REVISED PER TDRR 24040	RAJ		2-9-66	
AA		REVISED PER TDRR 24060	RAJ		2-9-66	
AB		REVISED PER TDRR 24868	RAJ		2-22-66	
AC		REVISED PER TDRR 24973	RAJ		3-4-66	
AD		REVISED PER TDRR 25065	RAJ		3-8-66	



FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I

WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
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	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
2.	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0547 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A

Ⓖ REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.	MANNED SPACECRAFT CENTER HOUSTON, TEXAS
DRAWN R. G. Kenney 7/16/65	NAMEPLATES, APOLLO G&N—GSE (STANDARDS)
CHECKED G. J. Kenney 7-22-65	
APPROVED	
APPROVED	
APPROVED MIT	CODE IDENT NO 80230 · SIZE E · DRAWING NO. 1004260
APPROVED MSC	DATE · SCALE NONE · SHEET 1 OF 5

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± ±.005 ±
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE H

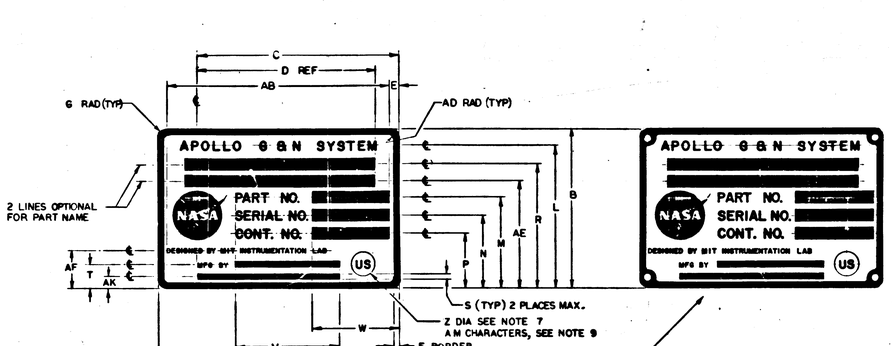
AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MASTER

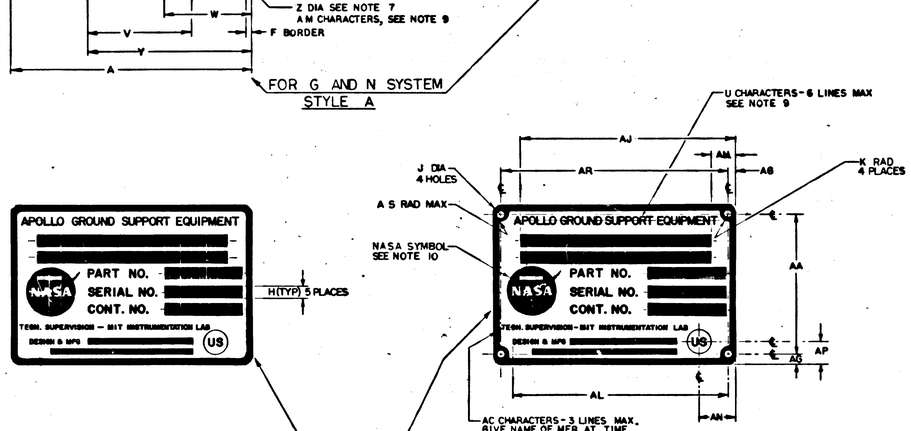
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      FOIL SHALL HAVE NO ADHESIVE BACKING.
      FOIL SHALL BE BONDED PER ND 1002219, (METHOD II).
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FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I

WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
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	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0847 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A
2.																																						

REVISIONS						
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/16/65	W.K.
* H		REVISED PER TDRR 20892			8/26/65	W.K.
J		REVISED PER TDRR 20904			9/16/65	W.K.
K		REVISED PER TDRR 21379			12/16/65	W.K.
L		REVISED PER TDRR 21410			12/29/65	W.K.
* M		REVISED PER TDRR 21993			3/1/66	W.K.
* N		REVISED PER TDRR 22621			5/16/66	W.K.
* P		REVISED PER TDRR 22671			5/16/66	W.K.
* R		REVISED PER TDRR 22672			5/16/66	W.K.
* S		REVISED PER TDRR 22750			6/3/66	W.K.
T		REVISED PER TDRR 22823			6/17/66	W.K.
* U		REVISED PER TDRR 23072			7-27-66	W.K.
V		REVISED PER TDRR 23521			9-27-66	W.K.
* W		REVISED PER TDRR 23824	R.A.		10-6-66	W.K.
* Y		REVISED PER TDRR 24018	R.A.		10-6-66	W.K.
* Z		REVISED PER TDRR 24040	R.A.		11-19-66	W.K.
(AA)		REVISED PER TDRR 24060	R.A.		11-19-66	W.K.
(AB)		REVISED PER TDRR 24868	R.A.		2-22-66	W.K.
(AC)		REVISED PER TDRR 24973	R.A.		1-4-66	W.K.
(AD)		REVISED PER TDRR 25065	R.A.		1-18-66	W.K.
* AE		REVISED PER TDRR 25672	R.A.		2-4-66	W.K.
AF		REVISED PER TDRR 25671	R.A.		2-4-66	W.K.

(B) REPLACES REV F WITH CHANGE

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LIST OF MATERIALS

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RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ± .005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE H

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

		DATE
DRAWN	R. G. Krieger	7/16/65
CHECKED	W. J. Lawson	7-22-65
APPROVED		
APPROVED		
APPROVED MIT		
APPROVED MSC		

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260

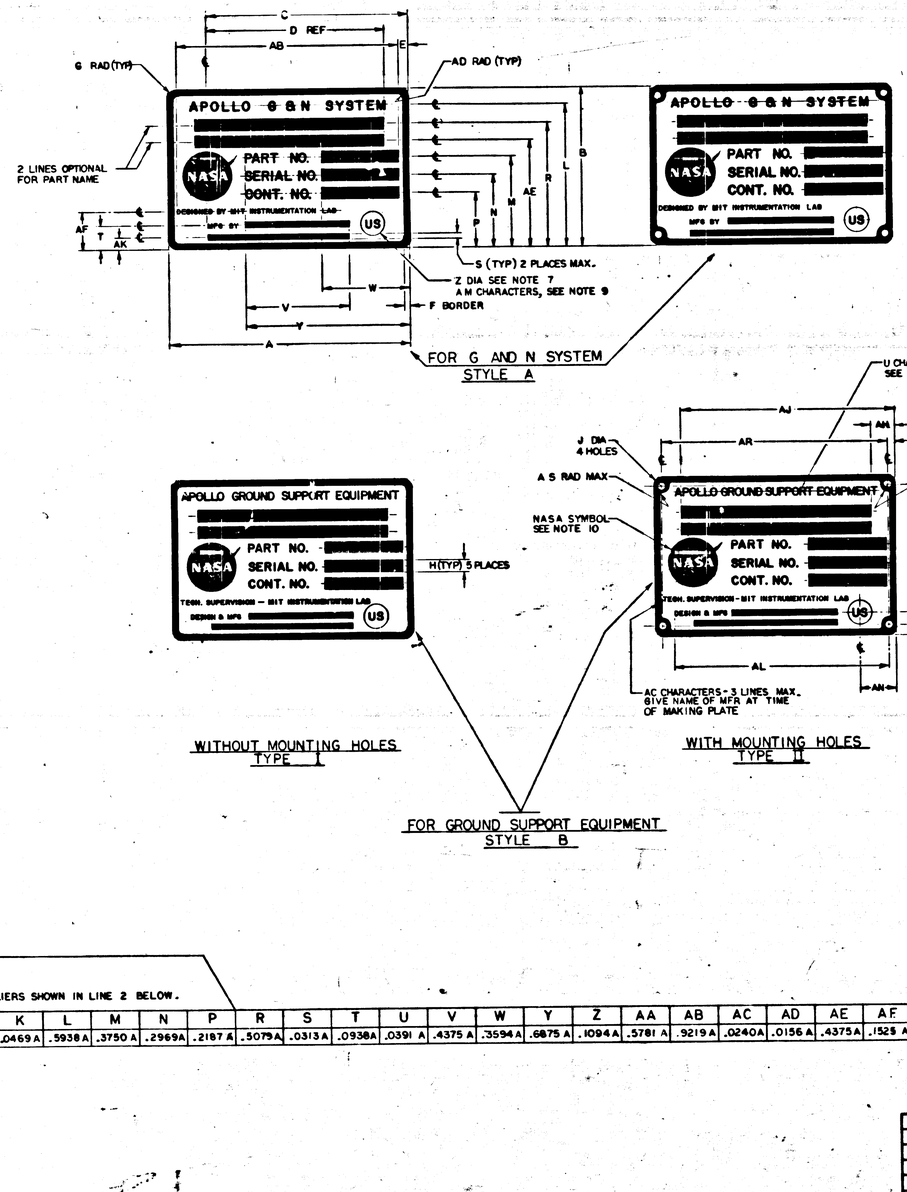
SCALE NONE | SHEET 1 OF 5

MASTER

1004260 AF

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    - C - PLATE, (STYLE A OR B, TYPE II): MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY, .032 THICK. ANODIZE PER MIL-A-8625, TYPE II. ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
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	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0547 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A
2.																																						

DYN	ZONE	REVISIONS DESCRIPTION	DR	CHK	DATE	APPROVED
	G	REPLACES REV F WITH CHANGE PER TDRR 20834			7/16/65	WR
*	H	REVISED PER TDRR 20892			8/26/65	WR
	J	REVISED PER TDRR 20904			9/16/65	WR
	K	REVISED PER TDRR 21379			10/6/65	WR
	L	REVISED PER TDRR 21410			10/25/65	WR
*	M	REVISED PER TDRR 21993			12/9/65	WR
*	N	REVISED PER TDRR 22621			1/19/66	WR
*	P	REVISED PER TDRR 22611			1/19/66	WR
*	R	REVISED PER TDRR 22672			1/19/66	WR
*	S	REVISED PER TDRR 22750			1/25/66	WR
	T	REVISED PER TDRR 22823			2-1-66	WR
*	U	REVISED PER TDRR 23072			2-23-66	WR
	V	REVISED PER TDRR 23521			3-27-66	WR
*	W	REVISED PER TDRR 23824	RAJ		4-19-66	WR
*	Y	REVISED PER TDRR 24018	RAJ		4-19-66	WR
*	Z	REVISED PER TDRR 24040	RAJ		4-19-66	WR
(M)	AA	REVISED PER TDRR 24060	RAJ		4-19-66	WR
(M)	AB	REVISED PER TDRR 24868	RAJ		6-22-66	WR
(M)	AC	REVISED PER TDRR 24973	RAJ		7-1-66	WR
(M)	AD	REVISED PER TDRR 25065	RAJ		7-18-66	WR
*	AE	REVISED PER TDRR 25672	RAJ		2-4-66	WR
(M)	AF	REVISED PER TDRR 25671	RAJ		2-4-66	WR
	AG	REVISED PER TDRR 26140	RAJ		2-15-66	WR

(G) REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES CAPACITOR VALUES ARE IN μf RESISTOR VALUES ARE IN OHMS TOLERANCES ON FRACTIONS ± — DECIMALS ± .005 ANGLES ± — DO NOT SCALE THIS DRAWING	MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.
AS APPLICABLE		MATERIAL SEE NOTE 11	MANNED SPACECRAFT CENTER HOUSTON, TEXAS
NEXT ASSY	USED ON		NAMEPLATES, APOLLO G&N—GSE (STANDARDS)
APPLICATION			CODE IDENT NO. 80230 SIZE E DRAWING NO. 1004260
			SCALE NONE SHEET 1 OF 6

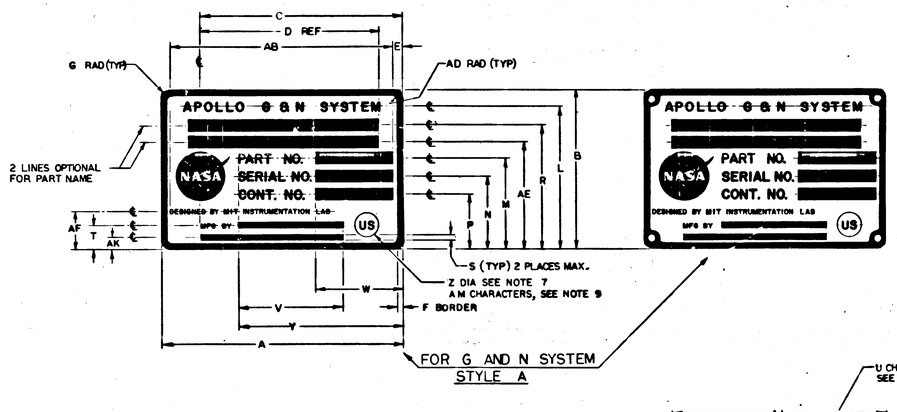
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APPROVED MSC [illegible] 8/4/65
DATE

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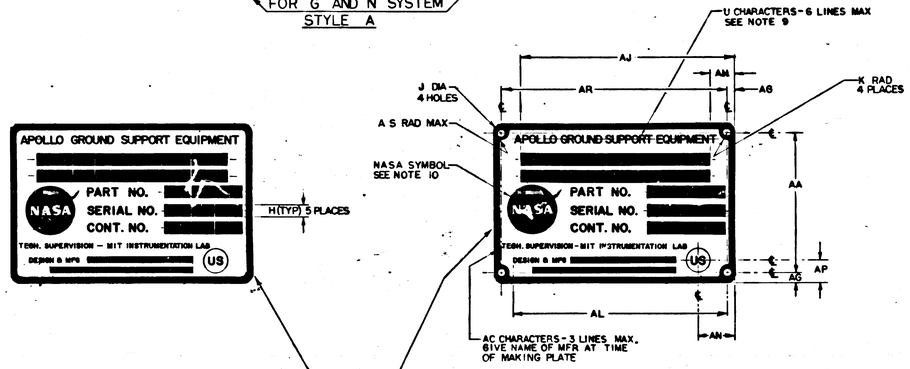
NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED IN MIL-D-70327.
2. DIMENSIONS ON EACH VIEW APPLY TO ALL VIEWS. (WITH THE EXCEPTION OF MOUNTING HOLES).
3. FORMATS ILLUSTATED WILL BE APPLICABLE TO ALL ITEMS REQUIRING NAMEPLATES BELOW END ITEM DESIGNATION (SYSTEMS, ASSEMBLIES, ETC.)
4. PLATE BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595, COLOR 37038. BORDER, MARKING AND LETTERING TO BE NATURAL METAL,(ANODIZED ALUMINUM).
5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL P 19934.
6. LETTERING STYLE TO BE GOTHIC,(SANS SERIFS), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN,CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER ND1002019.
9. WHEN "AUTO MARK"METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC AND AM.
10. NASA SYMBOL IS TO BE PROPORTIONAL TO NAMEPLATE IN RATIO OF 1 TO 5 WITH DIMENSION A VALUE AND IS TO HAVE NATURAL BACKGROUND. NASA SYMBOL LETTERS LETTERING AND FEATHER TO BE BLACK,(OR WHITE FOR SILK SCREENING). WHERE BLACK FEATHER PROTRUDES INTO BLACK BACKGROUND, A MINIMUM OUTLINE OF NATURAL BACKGROUND SHALL EXIST.
11. NAMEPLATES WILL BE APPLIED BY METHODS LISTED BELOW, SHOWN IN ORDER OF PREFERENCE, (I.E., FOR RELIABILITY AND WEIGHT).
    - A - STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT USING INK PER SCD 1010920,(WHITE OR BLACK).
    - B - ALUMINUM FOIL,(STYLE A OR B, TYPE I): FOIL SHALL BE .0030 ± .0005 THICK PER MIL-A-148. FOIL SHALL HAVE NO ADHESIVE BACKING. FOIL SHALL BE BONDED PER ND 100219,(METHOD II). FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    - C - PLATE, (STYLE A OR B, TYPE II): MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100,ALUMINUM ALLOY, .032 THICK. ANODIZE PER MIL-A-8625, TYPE II. ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
12. NAMEPLATES SHALL BE CAPABLE OF MEETING APPLICABLE REQUIREMENTS OF MIL-M-13231.
13. ON DIMENSION TABLES SHOWN ON PAGES 2, 3, 4 AND 5, NA MEANS, "NOT APPLICABLE".

SYM	ZONE	REVISIONS DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/16/65	
H		REVISED PER TDRR 20892			8/25/65	
J		REVISED PER TDRR 20904			9/9/65	
K		REVISED PER TDRR 21379			9/16/65	
L		REVISED PER TDRR 21410			10/4/65	
* M		REVISED PER TDRR 21993				
* N		REVISED PER TDRR 22621				
* P		REVISED PER TDRR 22671				
* R		REVISED PER TDRR 22672				
* S		REVISED PER TDRR 22756				
T		REVISED PER TDRR 22823				
* U		REVISED PER TDRR 23072			11-23-65	
V		REVISED PER TDRR 23521			12-27-65	
* W		REVISED PER TDRR 23824	RAJ		11-9-65	
* Y		REVISED PER TDRR 240 8	RAJ		11-16-65	
* Z		REVISED PER TDRR 24040	RAJ		11-19-65	
(AA)		REVISED PER TDRR 24060	RAJ		11-19-65	
(AB)		REVISED PER TDRR 24868	RAJ		12-22-65	
(AC)		REVISED PER TDRR 24973	RAJ		1-4-66	
(AD)		REVISED PER TDRR 25065	RAJ		1-18-66	
* AE		REVISED PER TDRR 25672	RAJ		2-4-66	
(AF)		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-15-66	
* AH		REVISED PER TDRR 26372	"		3-16-66	
* AJ		REVISED PER TDRR 26425	"		3-16-66	
* AK		REVISED PER TDRR 26748	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	



FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I

WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0547 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A
2.																																						

Ⓔ REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS DECIMALS ANGLES
± — ± .005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL: SEE NOTE H

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	R. G. Grimes	7/16/65
CHECKED	D. J. Lampe	7-22-65
APPROVED	W. Wyatt	7/22/65
APPROVED		
APPROVED MIT		8/24/65
APPROVED MSC		9/9/65

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260

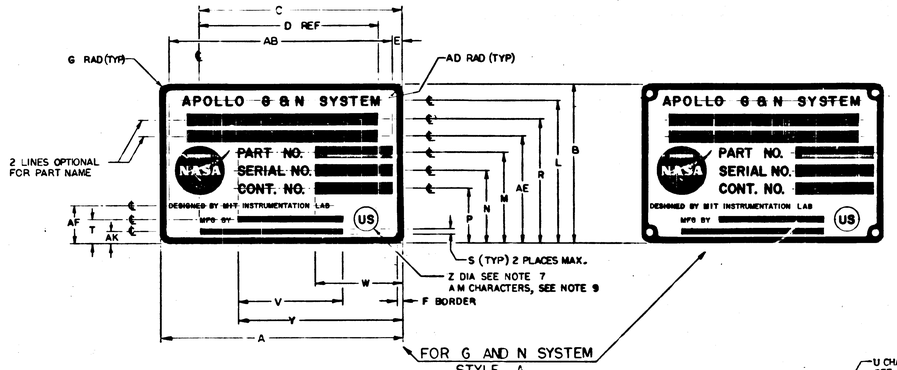
SCALE NONE | DATE | SHEET 1 OF 6

MASTER

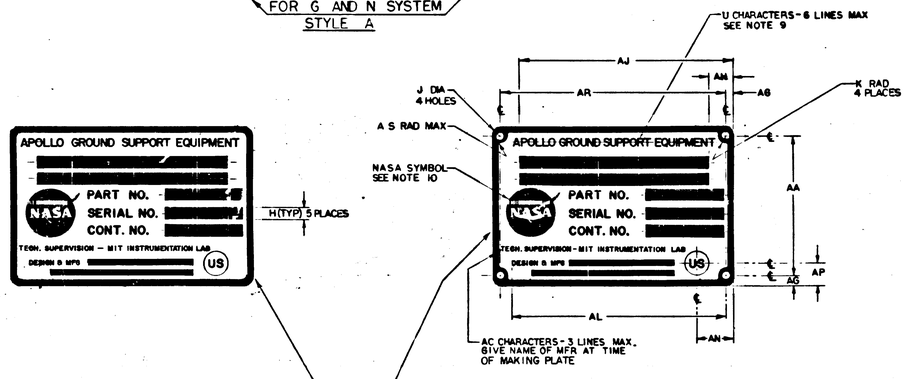
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NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED IN MIL-D-70327.
2. DIMENSIONS ON EACH VIEW APPLY TO ALL VIEWS. (WITH THE EXCEPTION OF MOUNTING HOLES).
3. FORMATS ILLUSTRATED WILL BE APPLICABLE TO ALL ITEMS REQUIRING NAMEPLATES BELOW END ITEM DESIGNATION (SYSTEMS, ASSEMBLIES, ETC.)
4. PLATE BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595, COLOR 37038. BORDER, MARKING AND LETTERING TO BE NATURAL METAL,(ANODIZED ALUMINUM).
5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL-P-19834.
6. LETTERING STYLE TO BE GOTHIC(SANS SERIFS), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN, CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER ND1002019.
9. WHEN AUTO MARK METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC AND AM.
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11. NAMEPLATES WILL BE APPLIED BY METHODS LISTED BELOW, SHOWN IN ORDER OF PREFERENCE, (IE., FOR RELIABILITY AND WEIGHT).
    A - STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT USING INK PER SSD 1010920,(WHITE OR BLACK).
    B - ALUMINUM FOIL (STYLE A OR B, TYPE I):
    FOIL SHALL BE .003 ± .0005 THICK PER MIL-A-148.
    FOIL SHALL HAVE NO ADHESIVE BACKING.
    FOIL SHALL BE BONDED PER ND 100219,(METHOD II).
    FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    C - PLATE, (STYLE A OR B, TYPE II):
    MATERIALS QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY, .032 THICK.
    ANODIZE PER MIL-A-8625, TYPE II.
    ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
12. NAMEPLATES SHALL BE CAPABLE OF MEETING APPLICABLE REQUIREMENTS OF MIL-M-13231.
13. ON DIMENSION TABLES SHOWN ON PAGES 2, 3, 4 AND 5, NA MEANS, "NOT APPLICABLE".



FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I

WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0547 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A
2.																																						

SYM	ZONE	REVISIONS DESCRIPTION	DR	CHK	DATE	APPROVED
	G	REPLACES REV F WITH CHANGE PER TDRR 20854			7/6/65	
*	H	REVISED PER TDRR 20892			7/23/65	
	J	REVISED PER TDRR 20904			7/26/65	
	K	REVISED PER TDRR 21379			8/16/65	
	L	REVISED PER TDRR 21410			8/23/65	
*	M	REVISED PER TDRR 21993			9/	
*	N	REVISED PER TDRR 22621			10/	
*	P	REVISED PER TDRR 22671			10/	
*	R	REVISED PER TDRR 22672				
*	S	REVISED PER TDRR 22750				
	T	REVISED PER TDRR 22823				
*	U	REVISED PER TDRR 23072			11-23 65	
	V	REVISED PER TDRR 23527			12-27-65	
*	W	REVISED PER TDRR 23824	RAJ		1-19-66	
*	Y	REVISED PER TDRR 24018	RAJ		1-19-66	
*	Z	REVISED PER TDRR 24040	RAJ		1-19-66	
(6)	AA	REVISED PER TDRR 24060	RAJ		1-19-66	
(8)	AB	REVISED PER TDRR 24868	RAJ		2-22-66	
(9)	AC	REVISED PER TDRR 24973	RAJ		1-4-66	
(10)	AD	REVISED PER TDRR 25065	RAJ		1-18-66	
*	AE	REVISED PER TDRR 25672	RAJ		2-4-66	
(11)	AF	REVISED PER TDRR 25671	RAJ		2-4-66	
	AG	REVISED PER TDRR 26110	RAJ		2-15-66	
*	AH	REVISED PER TDRR 26372	"		3-16-66	
*	AJ	REVISED PER TDRR 26425	"		3-16-66	
*	AK	REVISED PER TDRR 26743	"		3-16-66	
(12)	AL	REVISED PER TDRR 26798	"		3-16-66	
(13)	AM	REVISED PER TDRR 27168	"		4-7-66	
*	AN	REVISED PER TDRR 27235	"		4-7-66	
*	AP	REVISED PER TDRR 27345	"		4-7-66	
*	AP	REVISED PER TDRR 27417	"		4-7-66	
(14)	AS	REVISED PER TDRR 27442	"		4-7-66	
	AT	REVISED PER TDRR 27719	"		4-20-66	
	AU	REVISED PER TDRR 27880	"		4-20-66	
	AV	REVISED PER TDRR 27896	"		4-20-66	

(6) REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ± .005 ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE H

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	R. G. Jones	7/1966
CHECKED	R. G. Jones	7-22-66
APPROVED	[illegible]	7-22-66
APPROVED	[illegible]	7-22-66
APPROVED MIT	[illegible]	7-22-66
APPROVED MSC	[illegible]	7/22/66

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260

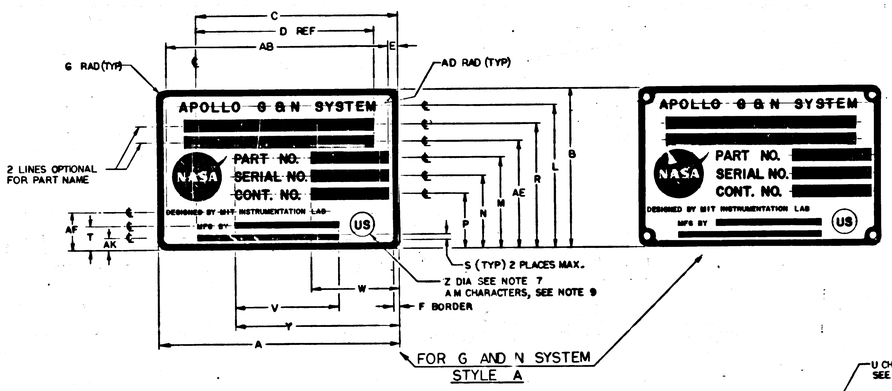
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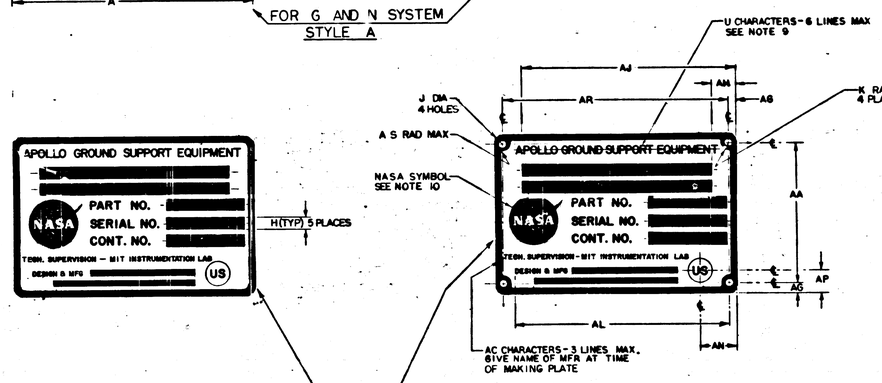
1004260

NOTES:

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4. PLATE BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595, COLOR 37038. BORDER, MARKING AND LETTERING TO BE NATURAL METAL,(ANODIZED ALUMINUM).
5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL P 19834.
6. LETTERING STYLE TO BE GOTHIC,(SANS SERIFS), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN,CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER ND1002019.
9. WHEN AUTO MARK METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC AND AM.
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    - A - STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT USING INK PER SCD 1010920,(WHITE OR BLACK).
    - B - ALUMINUM FOIL,(STYLE A OR B, TYPE I): FOIL SHALL BE .0030 ± .0005 THICK PER MIL-A-148. FOIL SHALL HAVE NO ADHESIVE BACKING. FOIL SHALL BE BONDED PER ND 1002219,(METHOD II). FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    - C - PLATE, (STYLE A OR B, TYPE II): MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100,ALUMINUM ALLOY, .032 THICK. ANODIZE PER MIL-A-8625, TYPE II. ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
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13. ON DIMENSION TABLES SHOWN ON PAGES 2, 3, 4 AND 5, NA MEANS, "NOT APPLICABLE".



FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I

WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	1.000 A	.6563A	.8438A	.6875A	.0391A	.0240A	.0391A	.0469A	.0547A	.0469A	.5938A	.3750A	.2969A	.2187A	.5079A	.0313A	.0938A	.0391 A	.4375A	.3594A	.6875A	.1094A	.5781 A	.9219A	.0240A	.0156A	.4375A	.1525 A	.0391 A	.1563A	.8438A	.0548A	.8659 A	.0391A	.1563A	.0938A	.9219A	.0151A
2.																																						

SYM	ZONE	REVISIONS — DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/16/68	
H		REVISED PER TDRR 20892			8/28/68	
J		REVISED PER TDRR 20904			9/26/68	
K		REVISED PER TDRR 21379			12/6/68	
L		REVISED PER TDRR 21410			12/23/68	
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621			5/9/69	
P		REVISED PER TDRR 22671			5/16/69	
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750			6/5/69	
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072			11-13-69	
V		REVISED PER TDRR 23492			10-27-69	
W		REVISED PER TDRR 23824	RAJ		11-26-69	
Y		REVISED PER TDRR 24018	RAJ		11-26-69	
Z		REVISED PER TDRR 24040	RAJ		11-19-69	
AA		REVISED PER TDRR 24060	RAJ		11-19-69	
AB		REVISED PER TDRR 24868	RAJ		12-22-69	
AC		REVISED PER TDRR 24973	RAJ		1-14-66	
AD		REVISED PER TDRR 25065	RAJ		1-16-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-15-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27268	"		4-7-66	
AN		REVISED PER TDRR 27235	"		4-7-66	
AP		REVISED PER TDRR 27345	"		4-7-66	
AR		REVISED PER TDRR 27417	"		4-7-66	
AS		REVISED PER TDRR 27442	"		4-7-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27880	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-20-66	
AW		28110	"		5-16-66	
AY		28173	"			
AZ		28131	"			
BA		28124	"			
BB		REVISED PER TDRR 28511	"		5-16-66	

02768

⑥ REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. CAPACITOR VALUES ARE IN μf. RESISTOR VALUES ARE IN OHMS. TOLERANCES ON FRACTIONS DECIMALS ANGLES ± ± .005 ± —. DO NOT SCALE THIS DRAWING.

MATERIAL: SEE NOTE 11

AS APPLICABLE | NEXT ASSY | USED ON | APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN	R. G. Jones	7/16/68
CHECKED	J. Lucas	7-22-68
APPROVED		7/22/68
APPROVED		7/22/68
APPROVED MIT		7/22/68
APPROVED MSC		7/22/68

NAMEPLATES, APOLLO G&N—GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | SHEET 1 OF —

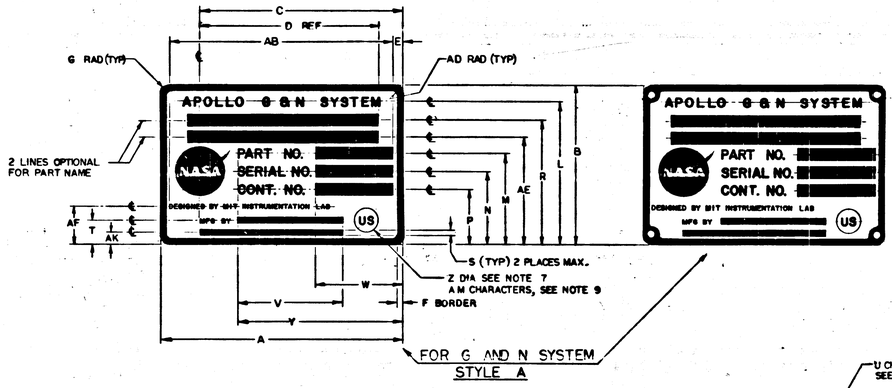
MASTER

1004260

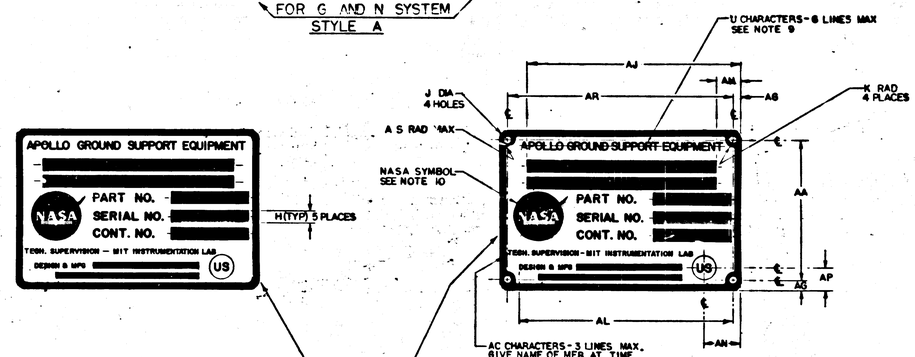
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NOTES:

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4. PLATE BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595, COLOR 37038. BORDER, MARKING AND LETTERING TO BE NATURAL METAL,(ANODIZED ALUMINUM).
5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL P 19834.
6. LETTERING STYLE TO BE GOTHIC,(SANS SERIFS), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN,CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER ND1002019.
9. WHEN AUTO MARK METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC AND AM.
10. NASA SYMBOL IS TO BE PROPORTIONAL TO NAMEPLATE IN RATIO OF 1 TO 5 WITH DIMENSION A VALUE AND IS TO HAVE NATURAL BACKGROUND. NASA SYMBOL LETTERS, LETTERING AND FEATHER TO BE BLACK,(OR WHITE FOR SILK SCREENING). WHERE BLACK FEATHER PROTRUDES INTO BLACK BACKGROUND, A MINIMUM OUTLINE OF NATURAL BACKGROUND SHALL EXIST.
11. NAMEPLATES WILL BE APPLIED BY METHODS LISTED BELOW, SHOWN IN ORDER OF PREFERENCE, (I.E., FOR RELIABILITY AND WEIGHT).
    - A - STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT USING INK PER SCD 1010920,(WHITE OR BLACK).
    - B - ALUMINUM FOIL,(STYLE A OR B, TYPE I): FOIL SHALL BE .0030 ± .0005 THICK PER MIL-A-148. FOIL SHALL HAVE NO ADHESIVE BACKING. FOIL SHALL BE BONDED PER ND 1002219,(METHOD II). FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    - C - PLATE, (STYLE A OR B, TYPE II): MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100,ALUMINUM ALLOY, .032 THICK. ANODIZE PER MIL-A-8625, TYPE II. ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
12. NAMEPLATES SHALL BE CAPABLE OF MEETING APPLICABLE REQUIREMENTS OF MIL-M-13231.
13. ON DIMENSION TABLES SHOWN ON PAGES 2, 3, 4 AND 5, NA MEANS, "NOT APPLICABLE".



FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I

WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0547 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A
2.																																						

⑥ REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

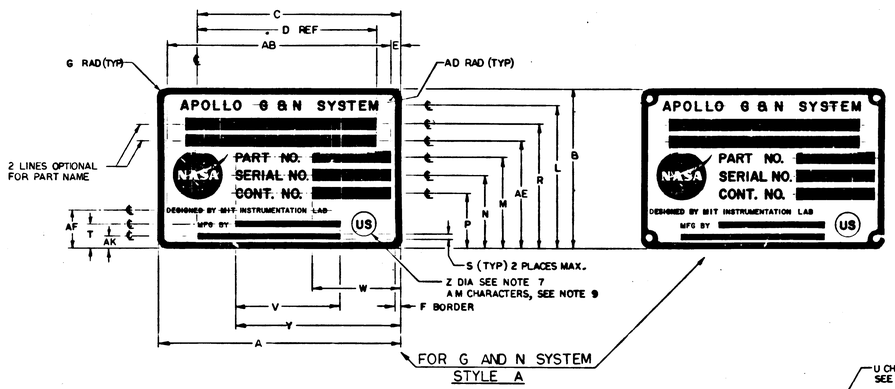
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MATERIAL SEE NOTE 11	DRAWN R.G. Kenney 7/14/66	NAMEPLATES, APOLLO G&N-GSE (STANDARDS)	
AS APPLICABLE NEXT ASSY / USED ON APPLICATION	CHECKED [illegible] 8-22-66		
	APPROVED [illegible]		
	APPROVED [illegible] 8/24/66		
	APPROVED MIT [illegible] 8/24/66	CODE IDENT NO. 80230	SIZE E / DRAWING NO. 1004260
	APPROVED MSC [illegible] DATE	SCALE NONE	SHEET 1 OF 6

MASTER

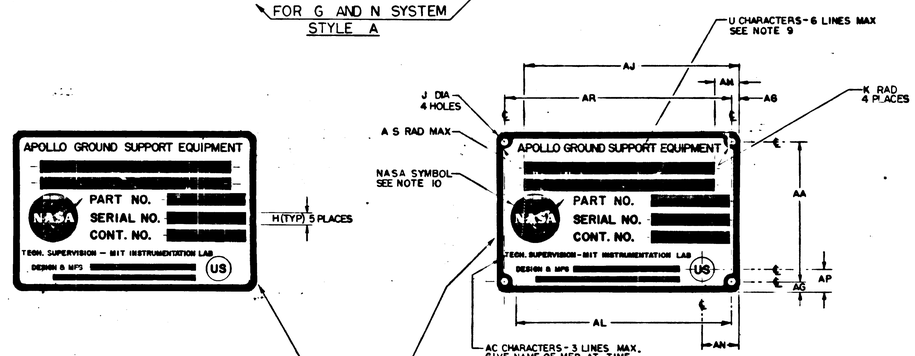
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NOTES:

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5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL P 19834.
6. LETTERING STYLE TO BE GOTHIC (SANS SERIFS), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN, CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER ND 1002015.
9. WHEN "AUTO MARK" METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC AND AM.
10. NASA SYMBOL IS TO BE PROPORTIONAL TO NAMEPLATE IN RATIO OF 1 TO 5 WITH DIMENSION A VALUE AND IS TO HAVE NATURAL BACKGROUND. NASA SYMBOL LETTERS, LETTERING AND FEATHER TO BE BLACK, (OR WHITE FOR SILK SCREENING), WHERE BLACK FEATHER PROTRUDES INTO BLACK BACKGROUND, A MINIMUM OUTLINE OF NATURAL BACKGROUND SHALL EXIST.
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    - B - ALUMINUM FOIL, (STYLE A OR B, TYPE I):
      FOIL SHALL BE .0030 ± .0005 THICK PER MIL-A-148.
      FOIL SHALL HAVE NO ADHESIVE BACKING.
      FOIL SHALL BE BONDED PER ND 1002219, (METHOD II).
      FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    - C - PLATE, (STYLE A OR B, TYPE II):
      MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY, .032 THICK.
      ANODIZE PER MIL-A-8625, TYPE II.
      ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
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FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I

WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/6/65	GWH
* H		REVISED PER TDRR 20892			7/28/65	GWH
J		REVISED PER TDRR 20904			7/28/65	GWH
K		REVISED PER TDRR 21379			9/16/65	GWH
L		REVISED PER TDRR 21410			9/24/65	GWH
* M		REVISED PER TDRR 21993				
* N		REVISED PER TDRR 22621			10/	
* P		REVISED PER TDRR 22671			11/	
* R		REVISED PER TDRR 22672				
* S		REVISED PER TDRR 22750			12/	
T		REVISED PER TDRR 22823			12/	
* U		REVISED PER TDRR 23072			1-28-66	
V		REVISED PER TDRR 23521			3-27-66	WK
* W		REVISED PER TDRR 23824	RAJ		11-9-65	WK
* Y		REVISED PER TDRR 24018	RAJ		11-16-65	WK
* Z		REVISED PER TDRR 24040	RAJ		11-19-65	WK
(AA) AA		REVISED PER TDRR 24060	RAJ		11-19-65	WK
(AB) AB		REVISED PER TDRR 24868	RAJ		2-22-65	WK
(AC) AC		REVISED PER TDRR 24973	RAJ		1-4-66	WK
(AD) AD		REVISED PER TDRR 25065	RAJ		1-18-66	WK
* AE		REVISED PER TDRR 25672	RAJ		2-2-66	WK
(AF) AF		REVISED PER TDRR 25671	RAJ		2-4-66	WK
AG		REVISED PER TDRR 26110	RAJ		2-15-66	WK
* AH		REVISED PER TDRR 26372	"		3-16-66	WK
* AJ		REVISED PER TDRR 26425	"		3-16-66	WK
* AK		REVISED PER TDRR 26743	"		3-16-66	WK
(AL) AL		REVISED PER TDRR 26798	"		3-16-66	WK
AM		REVISED PER TDRR 27268	"		4-7-66	WK
* AN		REVISED PER TDRR 27235	"		4-7-66	WK
* AP		REVISED PER TDRR 27345	"		4-7-66	WK
* AR		REVISED PER TDRR 27417	"		4-7-66	WK
(AS) AS		REVISED PER TDRR 27442	"		4-7-66	WK
AT		REVISED PER TDRR 27719	"		4-20-66	WK
(AU) AU		REVISED PER TDRR 27880	"		4-20-66	WK
(AV) AV		REVISED PER TDRR 27896	"		4-20-66	WK
AW		28110	"		5-16-66	WK
AY		28173	"			WK
AZ		28131	"			WK
BA		28124	"			WK
BB		REVISED PER TDRR 28511	"		5-16-66	WK
(BC) BC		" " " 28949	"		5-24-66	WK
BD		" " " 29222	"		6-8-66	WK
BE		" " " 29235	"		6-8-66	WK

SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0547 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A
2.																																						

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

(G) REPLACES REV F WITH CHANGE

MASTER

AS APPLICABLE	NEXT ASSY	USED ON
	APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ± .005 ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	R G Jones	7/16/65
CHECKED	W J Pennington	7-22-65
APPROVED		
APPROVED		
APPROVED MIT		
APPROVED MSC		DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260

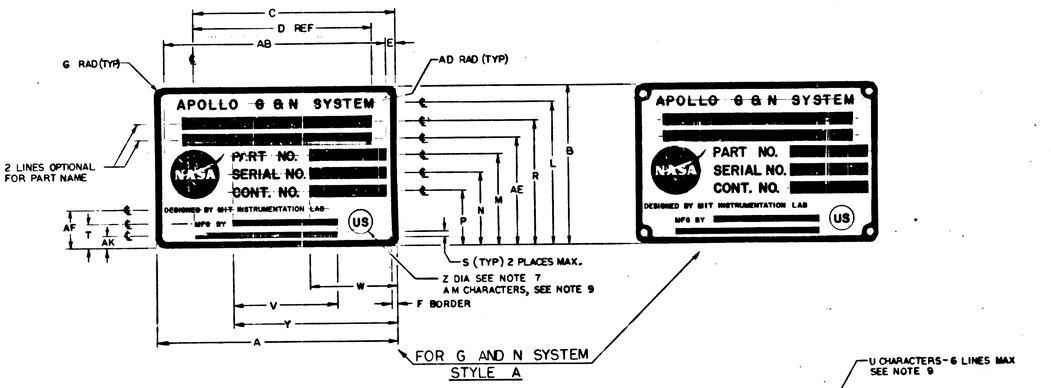
SCALE NONE | SHEET 1 OF 6

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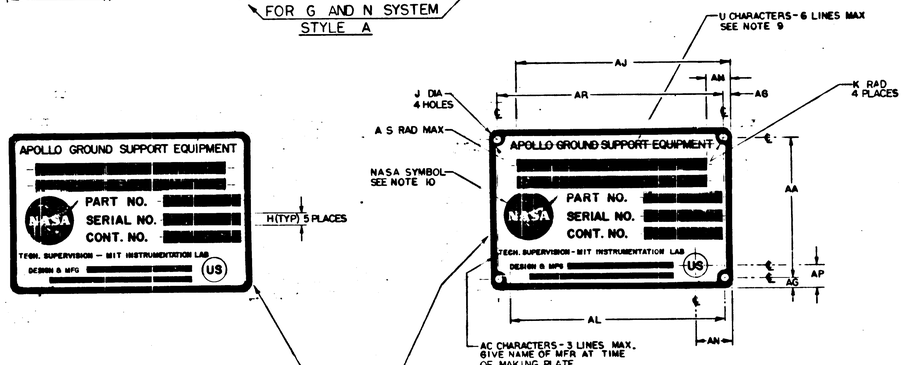
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FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I

WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0547 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A
2.																																						

REVISIONS						
SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/6/65	
* H		REVISED PER TDRR 20892			7/26/65	
* J		REVISED PER TDRR 20904			8/2/65	
* K		REVISED PER TDRR 21379			9/21/65	
* L		REVISED PER TDRR 21410			9/23/65	
* M		REVISED PER TDRR 21993			10/	
* N		REVISED PER TDRR 22621			11/	
* P		REVISED PER TDRR 22671			11/	
* R		REVISED PER TDRR 22672			11/	
* S		REVISED PER TDRR 22750			12/	
* T		REVISED PER TDRR 22823			12/	
* U		REVISED PER TDRR 23072			11-12-65	
V		REVISED PER TDRR 23521			10-27-65	
* W		REVISED PER TDRR 23824	RAJ		11-9-65	
* Y		REVISED PER TDRR 24018	RAJ		11-16-65	
* Z		REVISED PER TDRR 24040	RAJ		11-19-65	
(66) AA		REVISED PER TDRR 24060	RAJ		11-19-65	
(66) AB		REVISED PER TDRR 24868	RAJ		12-29-65	
(66) AC		REVISED PER TDRR 24973	RAJ		1-4-66	
(66) AD		REVISED PER TDRR 25065	RAJ		1-18-66	
* AE		REVISED PER TDRR 25672	RAJ		2-4-66	
(67) AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-15-66	
* AH		REVISED PER TDRR 26372	"		3-16-66	
* AJ		REVISED PER TDRR 26425	"		3-16-66	
* AK		REVISED PER TDRR 26743	"		3-16-66	
(66) AL		REVISED PER TDRR 26738	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-7-66	
* AN		REVISED PER TDRR 27235	"		4-7-66	
* AP		REVISED PER TDRR 27345	"		4-7-66	
* AR		REVISED PER TDRR 27417	"		4-7-66	
(66) AS		REVISED PER TDRR 27442	"		4-7-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
(67) AU		REVISED PER TDRR 27880	"		4-20-66	
(67) AV		REVISED PER TDRR 27896	"		4-20-66	
AW		28110	"		5-16-66	
AY		28173	"			
AZ		28131	"			
BA		28124	"			
B B		REVISED PER TDRR 28511	"		5-16-66	
(66) BC		" " " 28949	"		5-24-66	
(66) BD		" " " 29222	"		6-9-66	
(66) BE		" " " 29235	"		6-8-66	
BF		" " " 29122	"		6-30-66	
BG		" " " 29429	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29337	"		"	
BK		" " " 236 9	"		"	
BL		" " " 29696	"		"	

MASTER

⑥ REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS DECIMALS ANGLES
± — ± .005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL: SEE NOTE 11

AS APPLICABLE | NEXT ASSY | USED ON | APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	R. A. Seeger	7/6/65
CHECKED	W. J. Limmer	7-22-65
APPROVED	C. J.	
APPROVED	W. Hayden	7/26/65
APPROVED MIT	W. Hayden	8/4/65
APPROVED MSC		8/4/65

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

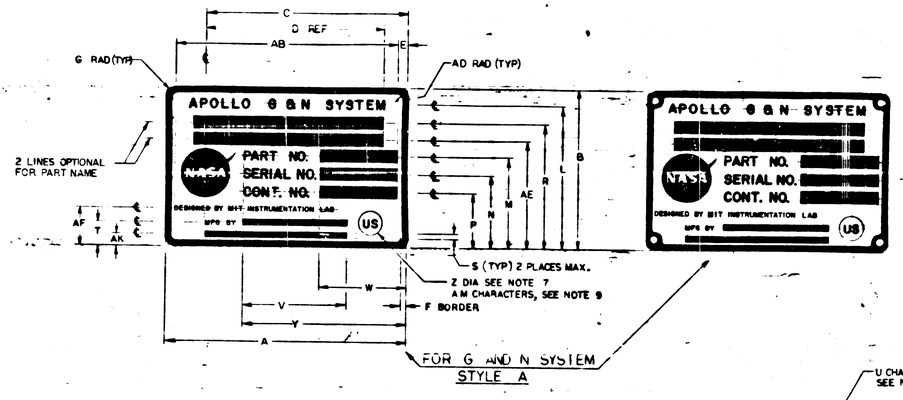
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DATE | SCALE NONE | SHEET 1 OF 5

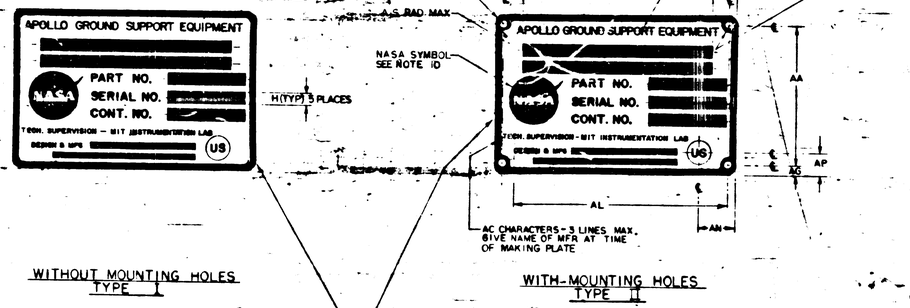
1004230

NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED IN MIL-D-70327.
2. DIMENSIONS ON EACH VIEW APPLY TO ALL VIEWS. (WITH THE EXCEPTION OF MOUNTING HOLES).
3. FORMATS ILLUSTATED WILL BE APPLICABLE TO ALL ITEMS REQUIRING NAMEPLATES BELOW END ITEM DESIGNATION (SYSTEMS, ASSEMBLIES, ETC.)
4. PLATE BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595, COLOR 37038. BORDER, MARKING AND LETTERING TO BE NATURAL METAL, (ANODIZED ALUMINUM).
5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL P 19834.
6. LETTERING STYLE TO BE GOTHIC (SANS SERIFS), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN, CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER ND 1002018.
9. WHEN 'AUTO MARK' METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC AND AM.
10. NASA SYMBOL IS TO BE PROPORTIONAL TO NAMEPLATE IN RATIO OF 1 TO 5 WITH DIMENSION A VALUE AND IS TO HAVE NATURAL BACKGROUND. NASA SYMBOL LETTERS, LETTERING AND FEATHER TO BE BLACK, (OR WHITE FOR SILK SCREENING), WHERE BLACK FEATHER PROTRUDES INTO BLACK BACKGROUND. A MINIMUM OUTLINE OF NATURAL BACKGROUND SHALL EXIST.
11. NAMEPLATES WILL BE APPLIED BY METHODS LISTED BELOW, SHOWN IN ORDER OF PREFERENCE, (I.E., FOR RELIABILITY AND WEIGHT).
    - A - STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT USING INK PER SCD 1010920, (WHITE OR BLACK).
    - B - ALUMINUM FOIL, (STYLE A OR B, TYPE I):
      - FOIL SHALL BE .0030 ± .0005 THICK PER MIL-A-148.
      - FOIL SHALL HAVE NO ADHESIVE BACKING.
      - FOIL SHALL BE BONDED PER ND 1002219, (METHOD II).
      - FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    - C - PLATE, (STYLE A OR B, TYPE II):
      - MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY, .032 THICK.
      - ANODIZE PER MIL-A-8625, TYPE II.
      - ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
12. NAMEPLATES SHALL BE CAPABLE OF MEETING APPLICABLE REQUIREMENTS OF MIL-M-13231.
13. ON DIMENSION TABLES SHOWN ON PAGES 2, 3, 4 AND 5, NA MEANS, "NOT APPLICABLE".



FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I

WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0547 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A
2.																																						

SYM	ZONE	REVISIONS - DESCRIPTION	ECR	ECN	DATE	APPROVED
	G	REPLACES REV F WITH CHANGE PER TDRR 20854				
*	H	REVISED PER TDRR 20892				
	J	REVISED PER TDRR 20904				
	K	REVISED PER TDRR 21379				
	L	REVISED PER TDRR 21410				
*	M	REVISED PER TDRR 21993				
*	N	REVISED PER TDRR 22621				
*	P	REVISED PER TDRR 22671				
*	R	REVISED PER TDRR 22672				
*	S	REVISED PER TDRR 22750				
	T	REVISED PER TDRR 22823				
*	U	REVISED PER TDRR 23072				
	V	REVISED PER TDRR 23621				
*	W	REVISED PER TDRR 23824	RAJ			
*	Y	REVISED PER TDRR 24018	RAJ			
*	Z	REVISED PER TDRR 24040	RAJ			
(AA)	AA	REVISED PER TDRR 24060	RAJ			
(AB)	AB	REVISED PER TDRR 24868	RAJ			
(AC)	AC	REVISED PER TDRR 24973	RAJ			
(AD)	AD	REVISED PER TDRR 25065	RAJ			
*	E	REVISED PER TDRR 25672	RAJ			
(AF)	AF	REVISED PER TDRR 25671	RAJ			
	AG	REVISED PER TDRR 26110	RAJ			
*	AH	REVISED PER TDRR 26372	"			
*	AJ	REVISED PER TDRR 26425	"			
*	AK	REVISED PER TDRR 26743	"			
(AL)	AL	REVISED PER TDRR 26798	"			
*	AM	REVISED PER TDRR 27168	"			
*	AN	REVISED PER TDRR 27238	"			
*	AP	REVISED PER TDRR 27345	"			
*	AR	REVISED PER TDRR 27417	"			
(AS)	AS	REVISED PER TDRR 27442	"			
(AT)	AT	REVISED PER TDRR 27719	"			
	AU	REVISED PER TDRR 27880	"			
(AV)	AV	REVISED PER TDRR 27896	"			
	AW	28110	"			
	AY	28173	"			
	AZ	28131	"			
	BA	28124	"			
	BB	REVISED PER TDRR 28511	"			
(BC)	BC	" " " 28949	"			
(BD)	BD	" " " 29222	"			
(BE)	BE	" " " 29235	"			
	BF	" " " 29322	"			
	BG	" " " 29429	"			
	BH	" " " 29449	"			
	BJ	" " " 29335	"			
	BK	" " " 29619	"			
(BL)	BL	" " " 29696	"			
	BM	REVISION STATUS CHANGED	JSD	NS	7-29-66	

© REPLACES REV F WITH CHANGE

LIST OF MATERIALS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS DECIMALS ANGLES ± — ± .005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE H

A2 APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN R. J. Jerry 7/16/65
CHECKED W. J. Lange 7-20-65
APPROVED
APPROVED
APPROVED MIT
APPROVED MSC
DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

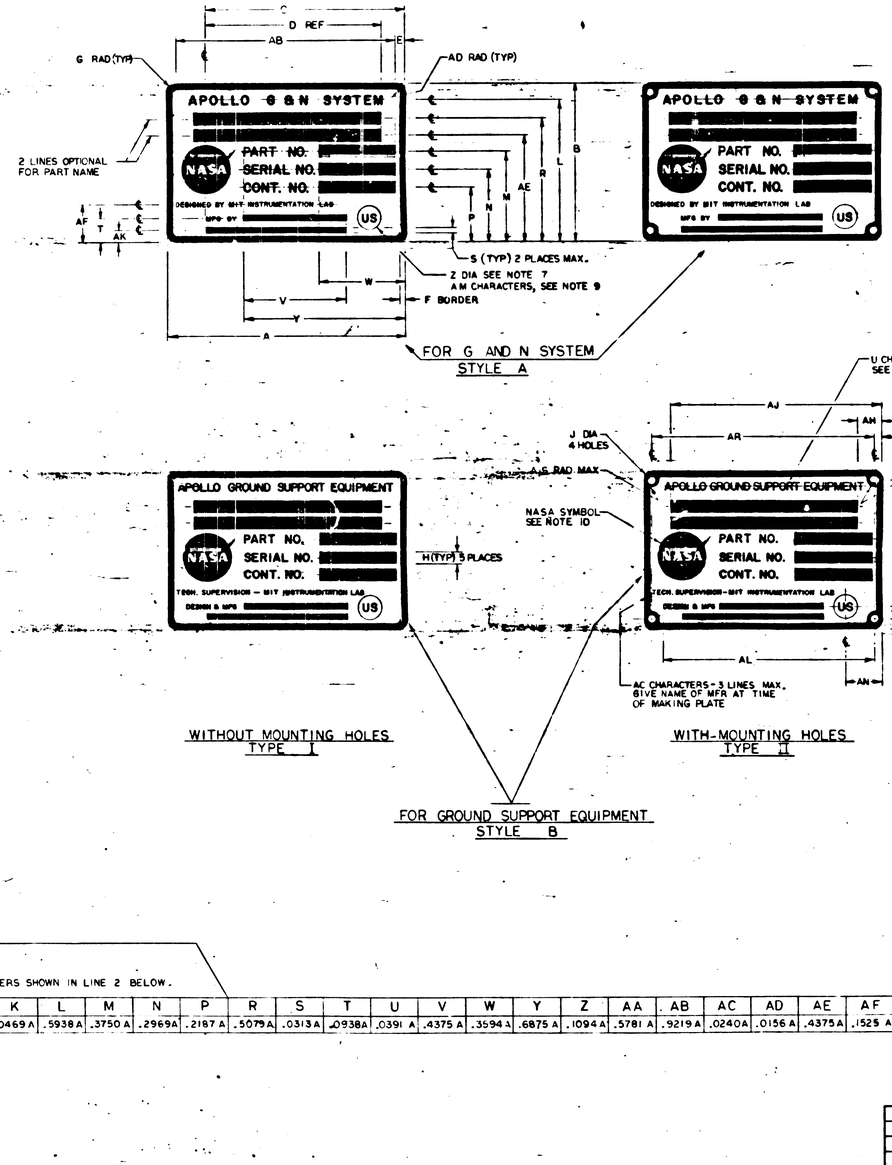
CODE IDENT NO 80230 | SIZE E | DRAWING NO 1004260 | REV

SCALE NONE | SHEET 1 OF 5

1004260 REV

NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED IN MIL-D-70327.
2. DIMENSIONS ON EACH VIEW APPLY TO ALL VIEWS. (WITH THE EXCEPTION OF MOUNTING HOLES).
3. FORMATS ILLUSTATED WILL BE APPLICABLE TO ALL ITEMS REQUIRING NAMEPLATES BELOW END ITEM DESIGNATION (SYSTEMS, ASSEMBLIES, ETC.)
4. PLATE BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595, COLOR 37038. BORDER, MARKING AND LETTERING TO BE NATURAL METAL,(ANODIZED ALUMINUM).
5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL P 19834.
6. LETTERING STYLE TO BE GOTHIC,(SANS SERIFS), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN,CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER ND1002C15.
9. WHEN AUTO MARK METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC AND AM.
10. NASA SYMBOL IS TO BE PROPORTIONAL TO NAMEPLATE IN RATIO OF 1 TO 5 WITH DIMENSION A VALUE AND IS TO HAVE NATURAL BACKGROUND. NASA SYMBOL LETTERS, LETTERING AND FEATHER TO BE BLACK,(OR WHITE FOR SILK SCREENING). WHERE BLACK FEATHER PROTRUDES INTO BLACK BACKGROUND, A MINIMUM OUTLINE OF NATURAL BACKGROUND SHALL EXIST.
11. NAMEPLATES WILL BE APPLIED BY METHODS LISTED BELOW, SHOWN IN ORDER OF PREFERENCE, (IE., FOR RELIABILITY AND WEIGHT).
    - A - STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT USING INK PER SCD 1010920,(WHITE OR BLACK).
    - B - ALUMINUM FOIL (STYLE A OR B, TYPE I):
      FOIL SHALL BE .0030 ± .0005 THICK PER MIL-A-148.
      FOIL SHALL HAVE NO ADHESIVE BACKING.
      FOIL SHALL BE BONDED PER ND 1002219,(METHOD II).
      FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    - C - PLATE, (STYLE A OR B, TYPE II):
      MATERIALS QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY, .032 THICK.
      ANODIZE PER MIL-A-8625, TYPE II.
      ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
12. NAMEPLATES SHALL BE CAPABLE OF MEETING APPLICABLE REQUIREMENTS OF MIL-M-13231.
13. ON DIMENSION TABLES SHOWN ON PAGES 2, 3, 4 AND 5, NA MEANS, "NOT APPLICABLE".



SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION A, TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO A BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0547 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A
2.																																						

SYM	ZONE	REVISIONS — DESCRIPTION	QTY	APP	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/16/65	
H		REVISED PER TDRR 20892			8-6-65	
J		REVISED PER TDRR 20904			8-16-65	
K		REVISED PER TDRR 21379			9-15-65	
L		REVISED PER TDRR 21410			10-13-65	
M		REVISED PER TDRR 21993			11-9-65	
N		REVISED PER TDRR 22521			11-9-65	
P		REVISED PER TDRR 22671			11-9-65	
R		REVISED PER TDRR 22672			11-9-65	
S		REVISED PER TDRR 22750			11-9-65	
T		REVISED PER TDRR 22823			11-23-65	
U		REVISED PER TDRR 23072			11-23-65	
V		REVISED PER TDRR 23527			12-7-65	
W		REVISED PER TDRR 23824	RAJ		1-19-65	
Y		REVISED PER TDRR 24018	RAJ		1-19-65	
Z		REVISED PER TDRR 24040	RAJ		1-19-65	
AA		REVISED PER TDRR 24060	RAJ		1-19-65	
AB		REVISED PER TDRR 24868	RAJ		2-22-66	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-18-66	
-E		REVISED PER TDRR 25672	RAJ		2-24-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		3-15-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-7-66	
AN		REVISED PER TDRR 27235	"		4-7-66	
AP		REVISED PER TDRR 27345	"		4-7-66	
AR		REVISED PER TDRR 27417	"		4-7-66	
AS		REVISED PER TDRR 27442	"		4-7-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27880	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-20-66	
AW		28110	"		5-16-66	
AY		28173	"		"	
AZ		28131	"		"	
BA		28124	"		"	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	
BD		" " " 29222	"		6-9-66	
BE		" " " 29235	"		6-8-66	
BF		" " " 29322	"		6-29-66	
BG		" " " 29429	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
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BL		" " " 23696	"		"	
BM		REVISION STATUS CHANGED	JSD	NS	7-29-66	
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© REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS DECIMALS ANGLES ± — ± .005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL: SEE NOTE 11

AS APPLICABLE | NEXT ASSY | USED ON | APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

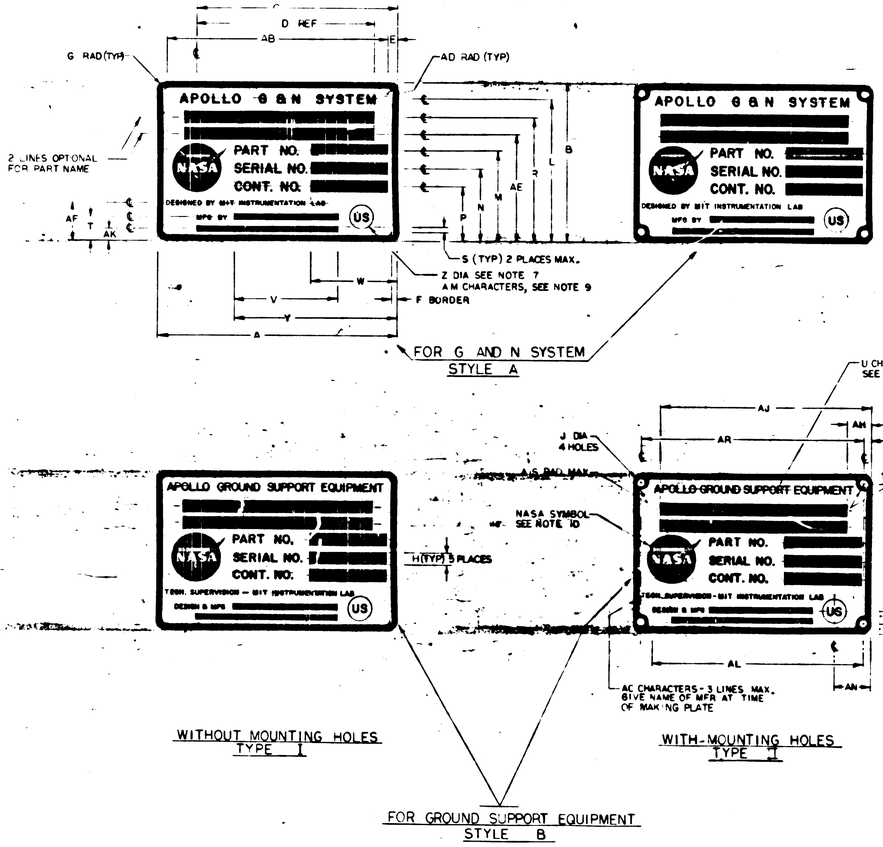
		DATE
DRAWN	R. J. Gray	7/16/65
CHECKED	D. J. Lyon	7-22-65
APPROVED		
APPROVED	W. Hyfantis	8/17/65
APPROVED MIT	W. Hyfantis	8/17/65
APPROVED MSC		

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260 | SCALE NONE | SHEET 1 OF 5

NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED IN MIL-D-70327.
2. DIMENSIONS ON EACH VIEW APPLY TO ALL VIEWS. (WITH THE EXCEPTION OF MOUNTING HOLES).
3. FORMATS ILLUSTRATED WILL BE APPLICABLE TO ALL ITEMS REQUIRING NAMEPLATES BELOW END ITEM DESIGNATION (SYSTEMS ASSEMBLIES, ETC.)
4. PLATE BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595, COLOR 37038. BORDER, MARKING AND LETTERING TO BE NATURAL METAL, (ANODIZED ALUMINUM).
5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL-P-19834.
6. LETTERING STYLE TO BE GOTHIC (SANS SERIES), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN, CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER NDI0220.9.
9. WHEN AUTO MARK METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC AND AM.
10. NASA SYMBOL IS TO BE PROPORTIONAL TO NAMEPLATE IN RATIO OF 1 TO 5 WITH DIMENSION A VALUE AND IS TO HAVE A SMALL BACKGROUND AREA AROUND LETTERING AND FEATHER TO BE BLACK, (OR WHITE FOR SILK SCREENING), WHERE BLACK FEATHER PROTRUDES INTO BLACK BACKGROUND, A MINIMUM OUTLINE OF NATURAL BACKGROUND SHALL EXIST.
11. NAMEPLATES WILL BE APPLIED BY METHODS LISTED BELOW, SHOWN IN ORDER OF PREFERENCE, (I.E., FOR RELIABILITY AND WEIGHT).
    - A - STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT USING INK PER SCD 1010920, (WHITE OR BLACK).
    - B - ALUMINUM FOIL, (STYLE A OR B, TYPE I):
      FOIL SHALL BE 2020 ALLOY 1 MIL THICK PER MIL-A-148.
      FOIL SHALL HAVE NO ADHESIVE BACKING.
      FOIL SHALL BE BONDED PER NDO 002219, (METHOD II).
      FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    - C - PLATE, (STYLE A OR B, TYPE II):
      MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY, .032 THICK.
      ANODIZE PER MIL-A-8625, TYPE II.
      ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
12. NAMEPLATES SHALL BE CAPABLE OF MEETING APPLICABLE REQUIREMENTS OF MIL-M-13231.
13. ON DIMENSION TABLES SHOWN ON PAGES 2, 3, 4 AND 5, "NA" MEANS, "NOT APPLICABLE".



SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION A, TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO A BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
2.	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0547 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A

SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV PB WITH CHANGE PER TDRR 20854				
* H		REVISED PER TDRR 20892				
J		REVISED PER TDRR 20904				
K		REVISED PER TDRR 21379				
L		REVISED PER TDRR 21410				
* M		REVISED PER TDRR 21993				
* N		REVISED PER TDRR 22621				
* P		REVISED PER TDRR 22671				
* R		REVISED PER TDRR 22672				
* S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823				
* U		REVISED PER TDRR 23072				
V		REVISED PER TDRR 23521				
* W		REVISED PER TDRR 23864	RAJ			
* Y		REVISED PER TDRR 24018	RAJ			
* Z		REVISED PER TDRR 24040	RAJ			
AA		REVISED PER TDRR 24060	RAJ			
AB		REVISED PER TDRR 24868	RAJ			
AC		REVISED PER TDRR 24923	RAJ			
AD		REVISED PER TDRR 25045	RAJ			
* AE		REVISED PER TDRR 25672	RAJ			
AF		REVISED PER TDRR 25671	RAJ			
AG		REVISED PER TDRR 26110	RAJ			
* AH		REVISED PER TDRR 26372	"			
* AJ		REVISED PER TDRR 26425	"			
* AK		REVISED PER TDRR 26743	"			
AL		REVISED PER TDRR 27136	"			
AM		REVISED PER TDRR 27168	"			
* AN		REVISED PER TDRR 27235	"			
* AP		REVISED PER TDRR 27345	"			
* AR		REVISED PER TDRR 274 7	"			
AS		REVISED PER TDRR 27642	"			
AT		REVISED PER TDRR 27719	"			
AU		REVISED PER TDRR 27880	"			
AV		REVISED PER TDRR 27996	"			
AW		28110	"			
AY		28173	"			
AZ		28131	"			
BA		28124	"			
BB		REVISED PER TDRR 28511	"			
BC		" " " 29949	"			
BD		" " " 29222	"			
BE		" " " 29235	"			
BF		" " " 29322	"			
BG		" " " 29429	"			
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BJ		" " " 29335	"			
BK		" " " 232 9	"			
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BN		REVISION STATUS CHANGED	JE			
BP		REVISION STATUS CHANGED	JE			

⑥ REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ± .005 ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT - INSTRUMENTATION LAB, CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN	R.J. Jones	7/16/65
CHECKED	J. Lucas	7-22-65
APPROVED		
APPROVED		
APPROVED MIT		
APPROVED MSC		

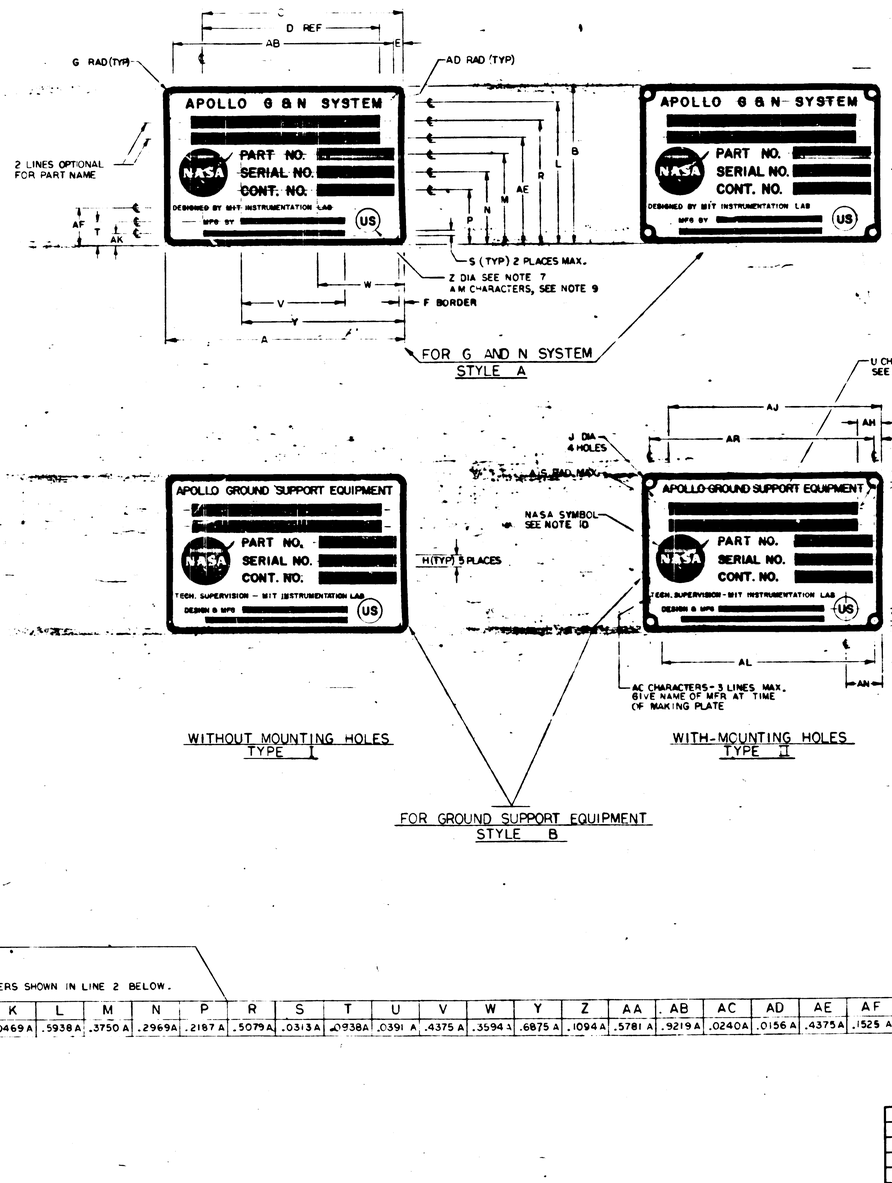
NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO 1004260

DATE | SCALE NONE | SHEET 1 OF 5

NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED IN MIL-D-70327.
2. DIMENSIONS ON EACH VIEW APPLY TO ALL VIEWS. (WITH THE EXCEPTION OF MOUNTING HOLES).
3. FORMATS ILLUSTRATED WILL BE APPLICABLE TO ALL ITEMS REQUIRING NAMEPLATES BELOW END ITEM DESIGNATION (SYSTEMS ASSEMBLIES, ETC.)
4. PLATE BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595, COLOR 37038. BORDER, MARKING AND LETTERING TO BE NATURAL METAL, (ANODIZED ALUMINUM).
5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL P 19834.
6. LETTERING STYLE TO BE GOTHIC (SANS SERIFS), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN, CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER ND1002C19.
9. WHEN "AUTO MARK" METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC AND AM.
10. NASA SYMBOL IS TO BE PROPORTIONAL TO NAMEPLATE A RATIO OF 1 TO 5 ATH DIMENSION A VALUE AND IS TO HAVE NATURAL BACKGROUND. NASA SYMBOL LETTERS, LETTERING AND FEATHER TO BE BLACK (OR WHITE FOR SILK SCREENING). WHERE BLACK FEATHER PROTRUDES INTO BLACK BACKGROUND, A MINIMUM OUTLINE OF NATURAL BACKGROUND SHALL EXIST.
11. NAMEPLATES WILL BE APPLIED BY METHODS LISTED BELOW, SHOWN IN ORDER OF PREFERENCE, (I.E., FOR RELIABILITY AND WEIGHT).
    - A - STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT USING INK PER SCD 1010920, (WHITE OR BLACK).
    - B: ALUMINUM FOIL (STYLE A OR B, TYPE II):
      FOIL SHALL BE .C03C ±.C005 THICK PER MIL-A-148.
      FOIL SHALL HAVE NO ADHESIVE BACKING.
      FOIL SHALL BE BONDED PER ND 1002219, (METHOD II).
      FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    - C - PLATE, (STYLE A OR B, TYPE II):
      MATERIALS QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY, .032 THICK.
      ANODIZE PER MIL-A-8625, TYPE II.
      ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
12. NAMEPLATES SHALL BE CAPABLE OF MEETING APPLICABLE REQUIREMENTS OF MIL-M-13231.
13. ON DIMENSION TABLES SHOWN ON PAGES 2, 3, 4 AND 5, NA MEANS, "NOT APPLICABLE".



SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
2.	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0547 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A

REVISIONS						
SYM	ZONE	DESCRIPTION		DATE	APPROVED	
G		REPLACES REV F WITH CHANGE PER TDRR 20854				
H		REVISED PER TDRR 20892				
J		REVISED PER TDRR 20904				
K		REVISED PER TDRR 21379				
L		REVISED PER TDRR 21410				
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072				
V		REVISED PER TDRR 23527				
W		REVISED PER TDRR 23824	RAJ			
Y		REVISED PER TDRR 24018	RAJ			
Z		REVISED PER TDRR 24040	RAJ			
AA		REVISED PER TDRR 24060	RAJ			
AB		REVISED PER TDRR 24868	RAJ			
AC		REVISED PER TDRR 24973	RAJ			
AD		REVISED PER TDRR 25065	RAJ			
AE		REVISED PER TDRR 25672	RAJ			
AF		REVISED PER TDRR 25671	RAJ			
AG		REVISED PER TDRR 26140	RAJ			
AH		REVISED PER TDRR 26372	"			
AJ		REVISED PER TDRR 26425	"			
AK		REVISED PER TDRR 26743	"			
AL		REVISED PER TDRR 26798	"			
AM		REVISED PER TDRR 27168	"			
AN		REVISED PER TDRR 27235	"			
AP		REVISED PER TDRR 27345	"			
AR		REVISED PER TDRR 27417	"			
AS		REVISED PER TDRR 27442	"			
AT		REVISED PER TDRR 27719	"			
AU		REVISED PER TDRR 27880	"			
AV		REVISED PER TDRR 27896	"			
AW		28110	"			
AY		28173	"			
AZ		28131	"			
BA		28124	"			
BB		REVISED PER TDRR 28511	"			
BC		" " " 28949	"			
BD		" " " 29222	"			
BE		" " " 29235	"			
BF		" " " 29322	"			
BG		" " " 29429	"			
BH		" " " 29449	"			
BJ		" " " 29335	"			
BK		" " " 23619	"			
BL		" " " 25696	"			
BM		REVISION STATUS CHANGED	USD			
BN		REVISION STATUS CHANGED	"			
BP		REVISION STATUS CHANGED	"			
BR		REVISION STATUS CHANGED	"			

G REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ± .005 ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT - INSTRUMENTATION LAB, CAMBRIDGE, MASS.

DRAWN		7/16/65
CHECKED		7-22-65
APPROVED		
APPROVED		7/26/65
APPROVED MIT		7/26/65
APPROVED MSC		7/26/65
DATE		

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

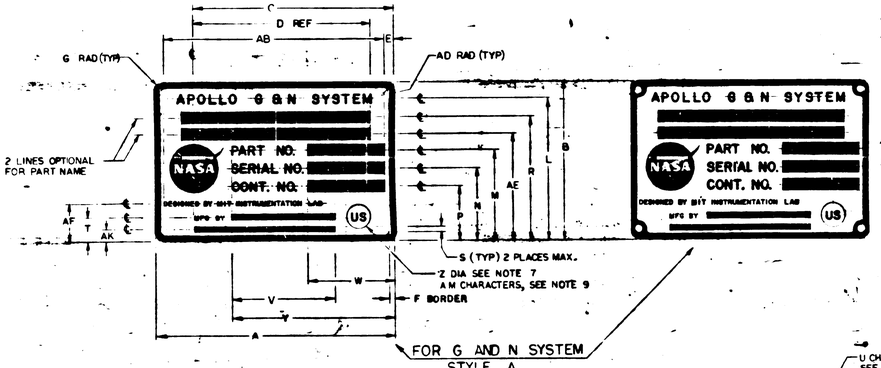
NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

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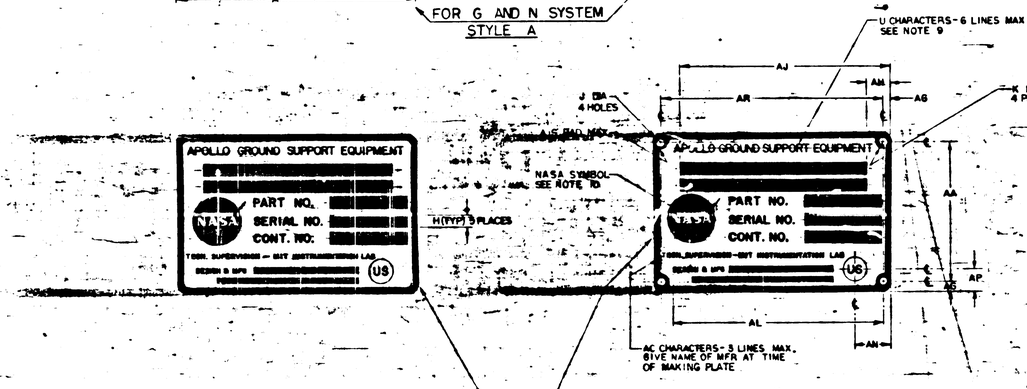
SCALE NONE SHEET 1 OF 6

NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED IN MIL-D-70327.
2. DIMENSIONS ON EACH VIEW APPLY TO ALL VIEWS. (WITH THE EXCEPTION OF MOUNTING HOLES).
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4. PLATE BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595, COLOR 37038. BORDER, MARKING AND LETTERING TO BE NATURAL METAL,(ANODIZED ALUMINUM).
5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL P 19834.
6. LETTERING STYLE TO BE GOTHIC,SANS SERIFS), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN,CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER ND1002019.
9. WHEN "AUTO MARK"METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC AND AM.
10. NASA SYMBOL IS TO BE PROPORTIONAL TO NAMEPLATE IN RATIO OF 1 TO 5 WITH DIMENSION A VALUE AND IS TO HAVE NATURAL BACKGROUND. NASA SYMBOL LETTERS, LETTERING AND FEATHER TO BE BLACK,(OR WHITE FOR SILK SCREENING), WHERE BLACK FEATHER PROTRUDES INTO BLACK BACKGROUND, A MINIMUM OUTLINE OF NATURAL BACKGROUND SHALL EXIST.
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    A- STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT USING INK PER SCD 1010920,(WHITE OR BLACK).
    B- ALUMINUM FOIL,(STYLE A OR B, TYPE I): FOIL SHALL BE .0030 ±.0005 THICK PER MIL-A-148. FOIL SHALL HAVE NO ADHESIVE BACKING. FOIL SHALL BE BONDED PER ND 1002210,(METHOD II). FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    C- PLATE, (STYLE A OR B, TYPE II): MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100,ALUMINUM ALLOY, .032 THICK. ANODIZE PER MIL-A-8625, TYPE II. ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
12. NAMEPLATES SHALL BE CAPABLE OF MEETING APPLICABLE REQUIREMENTS OF MIL-M-13231.
13. ON DIMENSION TABLES SHOWN ON PAGES 2, 3, 4 AND 5, NA MEANS, "NOT APPLICABLE".



FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I

WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0547 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A
2.																																						

SYM	ZONE	DESCRIPTION	APP.	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854				
H		REVISED PER TDRR 20892				
J		REVISED PER TDRR 20904				
K		REVISED PER TDRR 21379				
L		REVISED PER TDRR 21410				
M		REVISED PER TDRR 21998				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072				
V		REVISED PER TDRR 23521				
W		REVISED PER TDRR 23824	RAJ			
Y		REVISED PER TDRR 24018	RAJ			
Z		REVISED PER TDRR 24040	RAJ			
AA		REVISED PER TDRR 24060	RAJ			
AB		REVISED PER TDRR 24868	RAJ			
AC		REVISED PER TDRR 24933	RAJ			
AD		REVISED PER TDRR 25065	RAJ			
AE		REVISED PER TDRR 25672	RAJ			
AF		REVISED PER TDRR 25671	RAJ			
AG		REVISED PER TDRR 26140	RAJ			
AH		REVISED PER TDRR 26372	"			
AJ		REVISED PER TDRR 26425	"			
AK		REVISED PER TDRR 26743	"			
AL		REVISED PER TDRR 26758	"			
AM		REVISED PER TDRR 2918	"			
AN		REVISED PER TDRR 27235	"			
AP		REVISED PER TDRR 27345	"			
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AS		REVISED PER TDRR 27442	"			
AT		REVISED PER TDRR 27719	"			
AU		REVISED PER TDRR 27880	"			
AV		REVISED PER TDRR 27896	"			
AW		2811C	"			
AY		28173	"			
AZ		28131	"			
BA		28124	"			
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BC		" " " 28949	"			
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BR		REVISION STATUS CHANGED	GW		11-14-66	
BS		REVISION STATUS CHANGED	GW		11-30-66	

© REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO

LIST OF MATERIALS

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MATERIAL: SEE NOTE 11

AS APPLICABLE | NEXT ASSY | USED ON | APPLICATION

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN R. J. Gray 7/15/65
CHECKED R. J. Gray 7-22-65
APPROVED
APPROVED
APPROVED MIT
APPROVED MSC

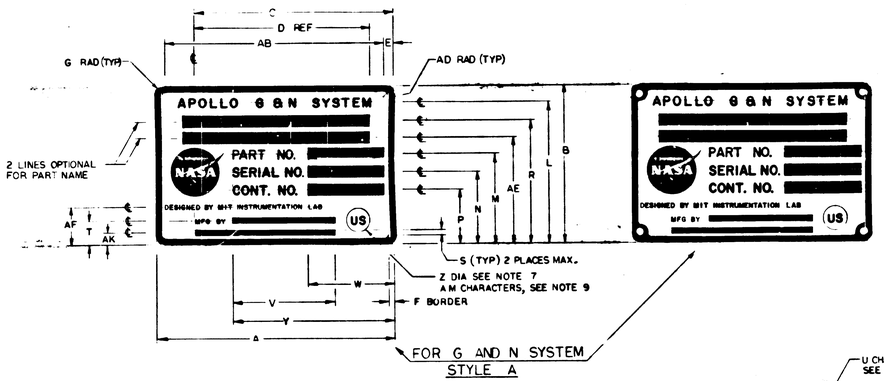
NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO 1004260 | SHEET 1 OF

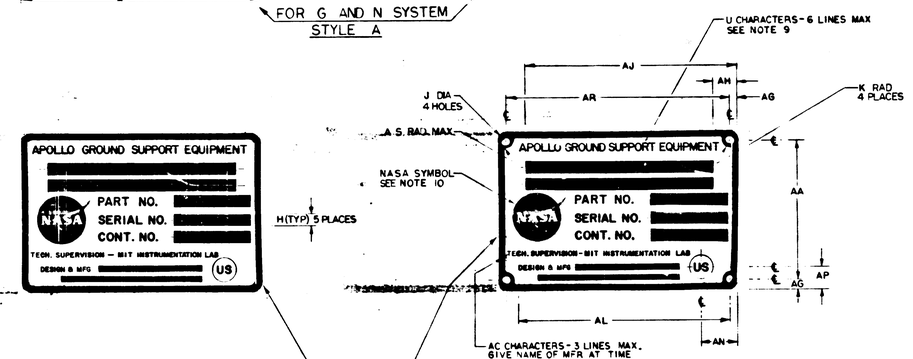
DATE | SCALE NONE

NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED IN MIL-D-7032?.
2. DIMENSIONS ON EACH VIEW APPLY TO ALL VIEWS. (WITH THE EXCEPTION OF MOUNTING HOLES).
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4. PLATE BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595, COLOR 37038. HOWEVER, MARKING AND LETTERING TO BE NATUHAL METAL (ANODIZED ALUMINUM).
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13. ON DIMENSION TABLES SHOWN ON PAGES 2, 3, 4 AND 5, NA MEANS, "NOT APPLICABLE".



FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I

WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
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2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0547 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A
2.																																						

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
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H		REVISED PER TDRR 20892			8/26/65	
J		REVISED PER TDRR 20904			9/9/65	
K		REVISED PER TDRR 21379			10/20/65	
L		REVISED PER TDRR 21410			10/29/65	
M		REVISED PER TDRR 21993			12/17/65	
N		REVISED PER TDRR 22621			1/11/66	
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750			1/25/66	
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072			2-11-66	
V		REVISED PER TDRR 23527			3-2-66	
W		REVISED PER TDRR 23826	RAJ		11-9-65	
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AA		REVISED PER TDRR 24060	RAJ		11-19-65	
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AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-18-66	
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AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-15-66	
AH		REVISED PER TDRR 26372	"		3-4-66	
AJ		REVISED PER TDRR 26425	"		3-6-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
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AU		REVISED PER TDRR 27880	"		4-20-66	
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AW		28110	"		5-6-66	
AY		28173	"		"	
AZ		28131	"		"	
BA		28124	"		"	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	
BD		" " " 29122	"		6-9-66	
BE		" " " 29235	"		6-8-66	
BF		" " " 29322	"		6-30-66	
BG		" " " 29429	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
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BN		REVISION STATUS CHANGED	JE	Rm	8-1-66	
BP		REVISION STATUS CHANGED	JE	Rm	8-24-66	
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BS		REVISION STATUS CHANGED	GW	RLW	11-30-66	
BT		REVISION STATUS CHANGED	GW	RLW	1-3-67	

⑥ REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

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MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

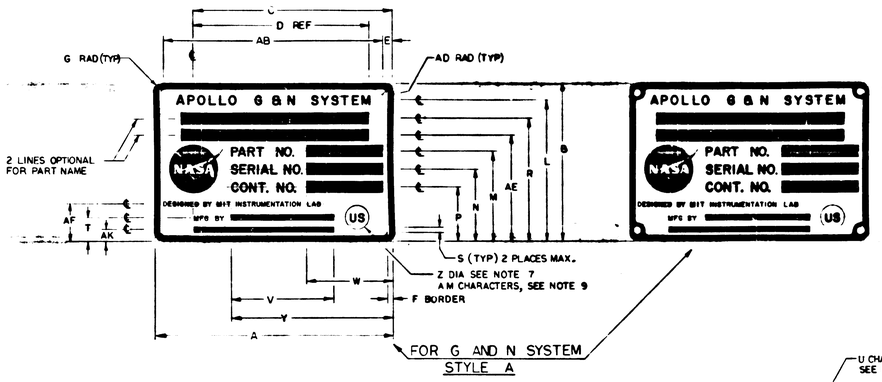
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APPROVED		
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APPROVED MSC		7/22/65

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

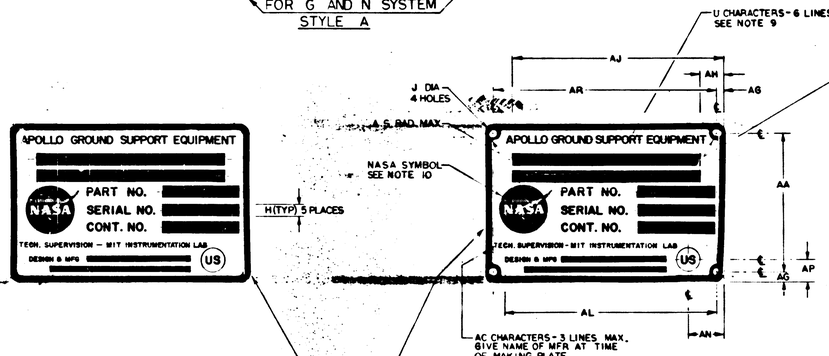
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SCALE NONE | SHEET 1 OF 5

NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED IN MIL-D-70327.
2. DIMENSIONS ON EACH VIEW APPLY TO ALL VIEWS. (WITH THE EXCEPTION OF MOUNTING HOLES).
3. FORMATS ILLUSTATED WILL BE APPLICABLE TO ALL ITEMS REQUIRING NAMEPLATES BELOW END ITEM DESIGNATION (SYSTEMS, ASSEMBLIES, ETC.)
4. PLATE BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595, COLOR 37038. BORDER, MARKING AND LETTERING TO BE NATURAL METAL,(ANODIZED ALUMINUM).
5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL P 19834.
6. LETTERING STYLE TO BE GOTHIC,(SANS SERIFS), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN, CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER ND1002019.
9. WHEN "AUTO MARK" METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC AND AM.
10. NASA SYMBOL IS TO BE PROPORTIONAL TO NAMEPLATE IN RATIO OF 1 TO 5 WITH DIMENSION A VALUE AND IS TO HAVE NATURAL BACKGROUND. NASA SYMBOL LETTERS LETTERING AND FEATHER TO BE BLACK,(OR WHITE FOR SILK SCREEN NG). WHERE BLACK FEATHER PROTRUDES INTO BLACK BACKGROUND, A MINIMUM OUTLINE OF NATURAL BACKGROUND SHALL EXIST.
11. NAMEPLATES WILL BE APPLIED BY METHODS LISTED BELOW, SHOWN IN ORDER OF PREFERENCE, (I.E., FOR RELIABILITY AND WEIGHT).
    - A - STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT USING INK PER SCD 1010920,(WHITE OR BLACK).
    - B - ALUMINUM FOIL,(STYLE A OR B, TYPE II):
      FOIL SHALL BE .0030 ±.0005 THICK PER MIL-A-148.
      FOIL SHALL HAVE NO ADHESIVE BACKING.
      FOIL SHALL BE BONDED PER ND 1002219,(METHOD II).
      FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    - C - PLATE, (STYLE A OR B, TYPE II):
      MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY, .032 THICK.
      ANODIZE PER MIL-A-8625, TYPE II.
      ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
12. NAMEPLATES SHALL BE CAPABLE OF MEETING APPLICABLE REQUIREMENTS OF MIL-M-13231.
13. ON DIMENSION TABLES SHOWN ON PAGES 2, 3, 4 AND 5, NA MEANS, "NOT APPLICABLE".



FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I

WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	1.000 A	.6563A	.8438A	.6875A	.0391A	.0240A	.0391A	.0469A	.0547A	.0469A	.5938A	.3750A	.2969A	.2187A	.5079A	.0313A	.0938A	.0391A	.4375A	.3594A	.6875A	.1094A	.5781A	.9219A	.0240A	.0156A	.4375A	.1525A	.0391A	.1563A	.8438A	.0548A	.8659A	.0391A	.1563A	.0938	.9219A	.0151A
2.																																						

SYM	DONE	DESCRIPTION	DR	CHK	DATE	APPROVED
	G	REPLACES REV F WITH CHANGE PER TDRR 20854			2/4/66	
*	H	REVISED PER TDRR 20892			2/25/66	
	J	REVISED PER TDRR 20904			2/28/66	
	K	REVISED PER TDRR 21379			5/4/66	
	L	REVISED PER TDRR 21410			5/25/66	
*	M	REVISED PER TDRR 21993			7/7/66	
*	N	REVISED PER TDRR 22621			10/	
*	P	REVISED PER TDRR 22671			11/	
*	R	REVISED PER TDRR 22672				
*	S	REVISED PER TDRR 22750			6/	
	T	REVISED PER TDRR 22823				
*	U	REVISED PER TDRR 23072			1-23-67	
	V	REVISED PER TDRR 23521			10-27-66	
*	W	REVISED PER TDRR 23824	RAJ		11-9-65	
*	Y	REVISED PER TDRR 24018	RAJ		11-5-65	
*	Z	REVISED PER TDRR 24040	RAJ		11-9-65	
(6)	AA	REVISED PER TDRR 24066	RAJ		11-9-65	
(6)	AB	REVISED PER TDRR 24068	RAJ		11-22-65	
(6)	AC	REVISED PER TDRR 24973	RAJ		1-4-66	
(6)	AD	REVISED PER TDRR 25065	RAJ		1-18-66	
*	AE	REVISED PER TDRR 25672	RAJ		2-4-66	
(6)	AF	REVISED PER TDRR 25671	RAJ		2-4-66	
	AG	REVISED PER TDRR 26110	RAJ		2-25-66	
*	AH	REVISED PER TDRR 26372	"		3-9-66	
*	AJ	REVISED PER TDRR 26425	"		3-10-66	
*	AK	REVISED PER TDRR 26743	"		3-16-66	
(6)	AL	REVISED PER TDRR 26768	"		3-16-66	
(6)	AM	REVISED PER TDRR 27118	"		4-7-66	
*	AN	REVISED PER TDRR 27236	"		4-7-66	
*	AP	REVISED PER TDRR 27345	"		4-7-66	
*	AQ	REVISED PER TDRR 27417	"		4-7-66	
(6)	AS	REVISED PER TDRR 27642	"		4-7-66	
(6)	AT	REVISED PER TDRR 27719	"		4-20-66	
(6)	AU	REVISED PER TDRR 27880	"		4-20-66	
(6) (M)	AV	REVISED PER TDRR 27896	"		4-20-66	
	AW	28110	"		5-16-66	
	AY	28173	"			
	AZ	28131	"			
	BA	28124	"			
*	BB	REVISED PER TDRR 28511	"		5-16-66	
(M)	BC	" " " 24949	"		5-24-66	
(M)	BD	" " " 25.22	"		6-7-66	
(M)	BE	" " " 25235	"		6-8-66	
	BF	" " " 23122	"		6-30-66	
	BG	" " " 23429	"		"	
	BH	" " " 23449	"		"	
	B	" " " 24.2F	"		"	
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	BP	REVISION STATUS CHANGED	"	"	"	
	BR	REVISION STATUS CHANGED	"	"	"	
	BS	REVISION STATUS CHANGED	GW	"	"	
(6)	BT	REVISION STATUS CHANGED	GW	"	"	
	BV	REVISION STATUS CHANGED	EH	"	"	

(6) REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

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CAMBRIDGE, MASS

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

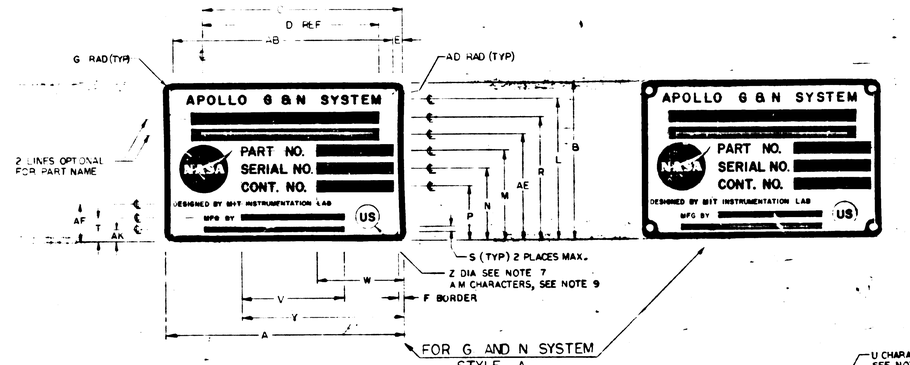
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APPROVED MSC [illegible] 7/22/66

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

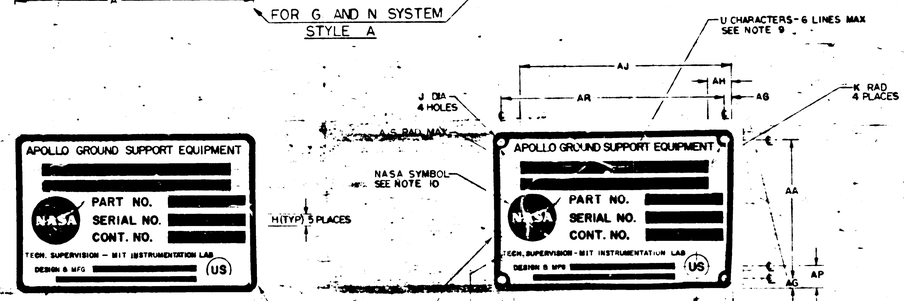
CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | DATE | SHEET 1 OF 5

NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED IN MIL-D-70327.
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5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL P 19834.
6. LETTERING STYLE TO BE GOTHIC (SANS SERIF), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN, CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER ND10020.9.
9. WHEN "AUTO MARK" METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC AND AM.
10. NASA SYMBOL IS TO BE PROPORTIONAL TO NAMEPLATE IN RATIO OF 1 TO 5 WITH DIMENSION A VALUE AND IS TO HAVE NATURAL BACKGROUND. NASA SYMBOL LETTERS, LETTERING AND FEATHER TO BE BLACK (FOR WHITE FOR SILK SCREENING). WHERE BLACK FEATHER PROTRUDES INTO BLACK BACKGROUND, A MINIMUM OUTLINE OF NATURAL BACKGROUND SHALL EXIST.
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    - A: STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT USING INK PER SCD 1010920 (WHITE OR BLACK).
    - B: ALUMINUM FOIL (STYLE A OR B, TYPE I):
      FOIL SHALL BE .0030 ± .0005 THICK PER MIL-A-148.
      FOIL SHALL HAVE NO ADHESIVE BACKING.
      FOIL SHALL BE BONDED PER ND 1002219 (METHOD II).
      FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    - C: PLATE, (STYLE A OR B, TYPE II):
      MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY, .032 THICK.
      ANODIZE PER MIL-A-8625, TYPE II.
      ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
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13. ON DIMENSION TABLES SHOWN ON PAGES 2, 3, 4 AND 5, NA MEANS, "NOT APPLICABLE".



FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I

WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0547 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A
2.	1.000	.6563	.8438	.6875	.0391	.0240	.0391	.0469	.0547	.0469	.5938	.3750	.2969	.2187	.5079	.0313	.0938	.0391	.4375	.3594	.6875	.1094	.5781	.9219	.0240	.0156	.4375	.1525	.0391	.1563	.8438	.0548	.8659	.0391	.1563	.0938	.9219	.0151

SYM	ZONE	DESCRIPTION	EC	JOB	DWN	CHK	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854					
H		REVISED PER TDRR 20892					
J		REVISED PER TDRR 20904					
K		REVISED PER TDRR 21379					
L		REVISED PER TDRR 21410					
M		REVISED PER TDRR 21993					
N		REVISED PER TDRR 22621					
P		REVISED PER TDRR 22671					
R		REVISED PER TDRR 22572					
S		REVISED PER TDRR 22750					
T		REVISED PER TDRR 22823					
U		REVISED PER TDRR 23072					
V		REVISED PER TDRR 23521					
W		REVISED PER TDRR 23824	RAJ				
Y		REVISED PER TDRR 24018	RAJ				
Z		REVISED PER TDR 24040	RAJ				
AA		REVISED PER TDRR 24050	RAJ				
AB		REVISED PER TDRR 24868	RAJ				
AC		REVISED PER TDRR 24923	RAJ				
AD		REVISED PER TDRR 25065	RAJ				
-E		REVISED PER TDRR 25672	RAJ				
AF		REVISED PER TDRR 25671	RAJ				
AG		REVISED PER TDRR 26110	RAJ				
AH		REVISED PER TDRR 26372	"				
AJ		REVISED PER TDRR 26425	"				
AK		REVISED PER TDRR 26743	"				
AL		REVISED PER TDRR 26798	"				
AM		REVISED PER TDRR 27158	"				
AN		REVISED PER TDRR 27235	"				
AP		REVISED PER TDRR 27345	"				
AQ		REVISED PER TDRR 27417	"				
AS		REVISED PER TDRR 27642	"				
AT		REVISED PER TDRR 27719	"				
AU		REVISED PER TDRR 27880	"				
AV		REVISED PER TDRR 27896	"				
AW		28110	"				
AY		28173	"				
AZ		28131	"				
BA		28124	"				
BB		REVISED PER TDRR 28511	"				
BC		" " " 28949	"				
BD		" " " 29022	"				
BE		" " " 29235	"				
BF		" " " 29322	"				
BG		" " " 29429	"				
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BK		" " " 29619	"				
BL		" " " 29696	"				
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BP		REVISION STATUS CHANGED	II	RLW			
BR		REVISION STATUS CHANGED	II	RLW			
BS		REVISION STATUS CHANGED	GW	RLW			
BT		REVISION STATUS CHANGED	GW	RLW			
BU		REVISION STATUS CHANGED	CH	II			
BV		REVISION STATUS CHANGED	JS	RLW			

G REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO
			LIST OF MATERIALS	

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± .005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL: SEE NOTE H

AS APPL CABLE | NEXT ASSY | USED ON | APPLICATION

DRAWN R. Levy 7/16/65
CHECKED J. Lamb 7-22-65
APPROVED
APPROVED Walter Petty
APPROVED MIT
APPROVED MSC
DATE

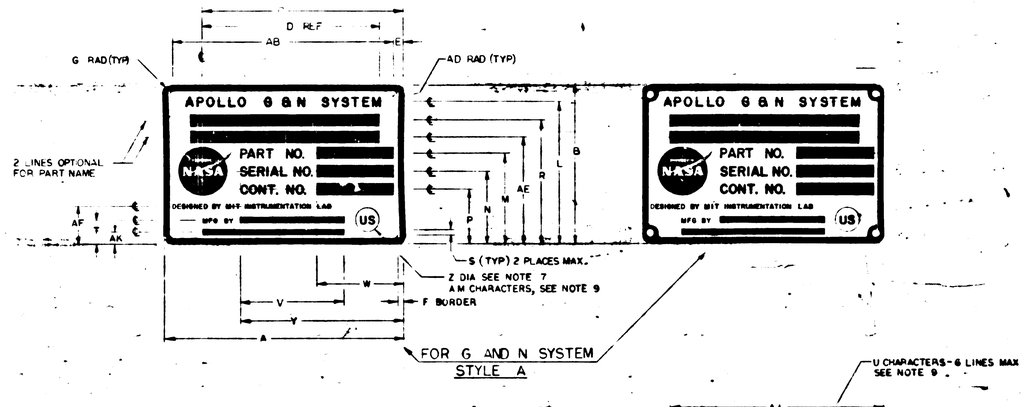
NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

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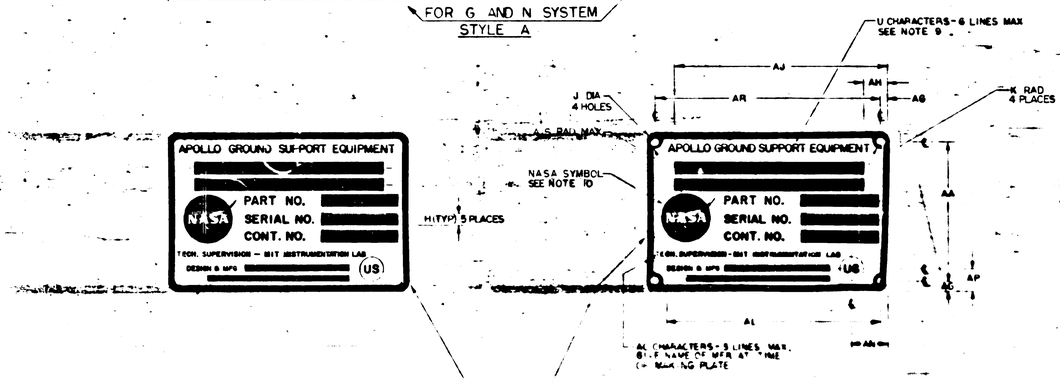
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NOTES:

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7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN, CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER ND1002C 9.
9. WHEN "AUTO MARK" METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC AND AM.
10. NASA SYMBOL IS TO BE PROPORTIONAL TO NAMEPLATE IN RATIO OF 1 TO 5 WITH DIMENSION A VALUE AND IS TO HAVE NATURAL BACKGROUND, NASA SYMBOL, LETTERING AND FEATHER TO BE BLACK, (OR WHITE FOR SILK SCREENING), WHERE BLACK FEATHER PROTRUDES INTO BLACK BACKGROUND, A MINIMUM OUTLINE OF NATURAL BACKGROUND SHALL EXIST.
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    - B - ALUMINUM FOIL, (STYLE A OR B, TYPE I):
      FOIL SHALL BE .0030 ±.0005 THICK PER MIL-A-148.
      FOIL SHALL HAVE NO ADHESIVE BACKING.
      FOIL SHALL BE BONDED PER ND1002I9, (METHOD II).
      FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    - C - PLATE, (STYLE A OR B, TYPE II):
      MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY, .032 THICK.
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      ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
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FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I

WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

1.	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
2.	1.000 A	.6563A	.8438A	.6875A	.0391A	.0240A	.0391A	.0469A	.0547A	.0469A	.5938A	.3750A	.2969A	.2187A	.5079A	.0313A	.0938A	.0391A	.4375A	.3594A	.6875A	.1094A	.5781A	.9219A	.0240A	.0156A	.4375A	.525 A	.0391A	.563 A	.8438A	.0548A	.8659A	.0391A	.1563A	.0938A	.9219A	.0151A

SYM	ZONE	DESCRIPTION	APP	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/16/65	
H		REVISED PER TDRR 20892			8/4/65	
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K		REVISED PER TDRR 21379			9/16/65	
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* M		REVISED PER TDRR 21993			10/	
* N		REVISED PER TDRR 22621			10/	
* P		REVISED PER TDRR 22671			11/	
* R		REVISED PER TDRR 22672			11/	
* S		REVISED PER TDRR 22750			11/	
T		REVISED PER TDRR 22823			11/	
* U		REVISED PER TDRR 23072			11-22-65	
V		REVISED PER TDRR 23527			12-16-65	
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(25) AB		REVISED PER TDRR 24868	RAJ		2-22-66	
(26) AC		REVISED PER TDRR 24973	RAJ		3-4-66	
(27) AD		REVISED PER TDRR 25065	RAJ		3-18-66	
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* AJ		REVISED PER TDRR 26425	"		5-26-66	
* (29) AK		REVISED PER TDRR 26743	"		6-16-66	
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* AN		REVISED PER TDRR 27235	"		6-27-66	
* AP		REVISED PER TDRR 27345	"		6-27-66	
* AR		REVISED PER TDRR 27417	"		6-27-66	
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BV		REVISION STATUS CHANGED	JJB		10-20-66	
BW		REVISION STATUS CHANGED	JJB		10-20-66	

© REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

AS APPL CABLE	
NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ± .XXX ± —
DO NOT SCALE THIS DRAWING

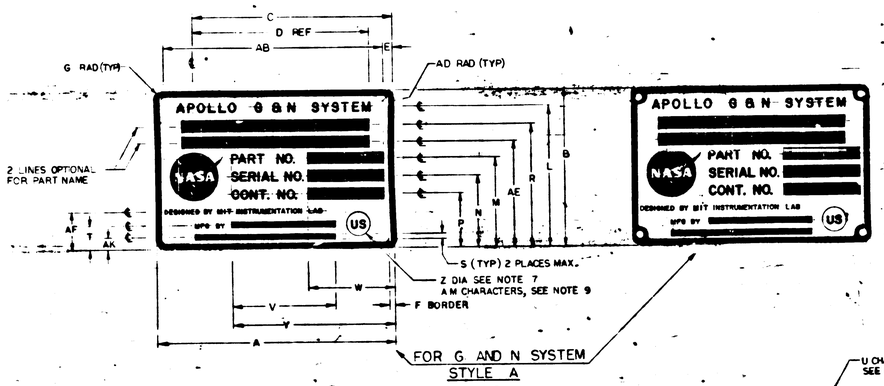
MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.	MANNED SPACECRAFT CENTER HOUSTON, TEXAS
DRAWN T. Conroy 7/16/65	NAMEPLATES, APOLLO G&N-GSE (STANDARDS)
CHECKED W. J. Lange 7-22-65	
APPROVED	
APPROVED Walter Feldman 7/26/65	
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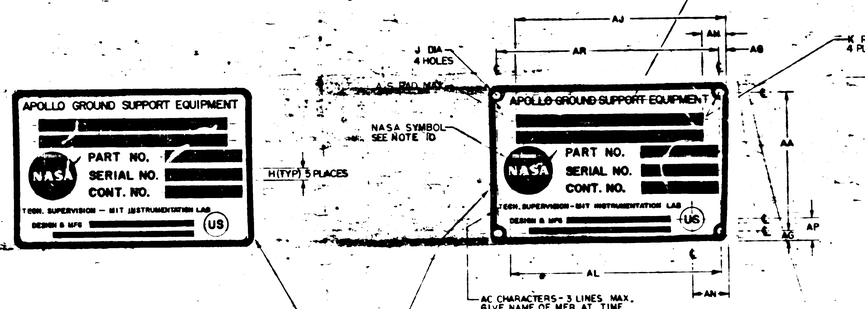
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NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED IN MIL-D-70327.
2. DIMENSIONS ON EACH VIEW APPLY TO ALL VIEWS. (WITH THE EXCEPTION OF MOUNTING HOLES).
3. FORMATS ILLUSTRATED WILL BE APPLICABLE TO ALL ITEMS REQUIRING NAMEPLATES BELOW END ITEM DESIGNATION (SYSTEMS, ASSEMBLIES, ETC.)
4. PLATE BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595, COLOR 37038. BORDER, MARKING AND LETTERING TO BE NATURAL METAL, (ANODIZED ALUMINUM).
5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL P 19934.
6. LETTERING STYLE TO BE GOTHIC, (SANS SERIFS), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN, CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER ND1002019.
9. WHEN "AUTO MARK" METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC AND AM.
10. NASA SYMBOL IS TO BE PROPORTIONAL TO NAMEPLATE IN RATIO OF 1 TO 5 & TH DIMENSION A VALUE AND IS TO HAVE NATURAL BACKGROUND. NASA SYMBOL LETTERS, LETTERING AND FEATHER TO BE BLACK, (OR WHITE FOR SILK SCREEN NG), WHERE BLACK FEATHER PROTRUDES INTO BLACK BACKGROUND, A MINIMUM OUTLINE OF NATURAL BACKGROUND SHALL EXIST.
11. NAMEPLATES WILL BE APPLIED BY METHODS LISTED BELOW, SHOWN IN ORDER OF PREFERENCE, (IE., FOR RELIABILITY AND WEIGHT).
    - A - STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT USING INK PER SCD 1010920, (WHITE OR BLACK).
    - B - ALUMINUM FOIL, (STYLE A OR B, TYPE I):
      FOIL SHALL BE .0030 ± .0005 THICK PER MIL-A-148.
      FOIL SHALL HAVE NO ADHESIVE BACKING.
      FOIL SHALL BE BONDED PER ND 2022119, (METHOD III).
      FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    - C - PLATE, (STYLE A OR B, TYPE II):
      MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY, .032 THICK.
      ANODIZE PER MIL-A-8625, TYPE II.
      ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
12. NAMEPLATES SHALL BE CAPABLE OF MEETING APPLICABLE REQUIREMENTS OF MIL-M-13231.
13. ON DIMENSION TABLES SHOWN ON PAGES 2, 3, 4 AND 5, NA MEANS, "NOT APPLICABLE".



FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I

WITH MOUNTING HOLES
TYPE J

FOR GROUND SUPPORT EQUIPMENT
STYLE B

SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0547 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A
2.																																						

REVISIONS						
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H		REVISED PER TDRR 20892				
J		REVISED PER TDRR 20904				
K		REVISED PER TDRR 21379				
L		REVISED PER TDRR 21410				
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072				
V		REVISED PER TDRR 23527				
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Y		REVISED PER TDRR 24018	RAJ			
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AA		REVISED PER TDRR 24060	RAJ			
AB		REVISED PER TDRR 24868	RAJ			
AC		REVISED PER TDRR 24913	RAJ			
AD		REVISED PER TDRR 25065	RAJ			
AE		REVISED PER TDRR 25678	RAJ			
AF		REVISED PER TDRR 25671	RAJ			
AG		REVISED PER TDRR 26140	RAJ			
AH		REVISED PER TDRR 26372	"			
AJ		REVISED PER TDRR 26425	"			
AK		REVISED PER TDRR 26743	"			
AL		REVISED PER TDRR 26788	"			
AM		REVISED PER TDRR 27268	"			
AN		REVISED PER TDRR 27235	"			
AP		REVISED PER TDRR 27345	"			
AR		REVISED PER TDRR 27417	"			
AS		REVISED PER TDRR 27442	"			
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AU		REVISED PER TDRR 27880	"			
AV		REVISED PER TDRR 27896	"			
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AY		28173	"			
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BP		REVISION STATUS CHANGED	JE			
BR		REVISION STATUS CHANGED	JE			
BS		REVISION STATUS CHANGED	GW			
BT		REVISION STATUS CHANGED	GW			
BU		REVISION STATUS CHANGED	EH			
BV		REVISION STATUS CHANGED	MB			
BW		REVISION STATUS CHANGED	MB			
BY		REVISION STATUS CHANGED	MB			

G REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ± .005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT - INSTRUMENTATION LAB, CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN 7/16/65
CHECKED
APPROVED
APPROVED
APPROVED MIT
APPROVED MSC
DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

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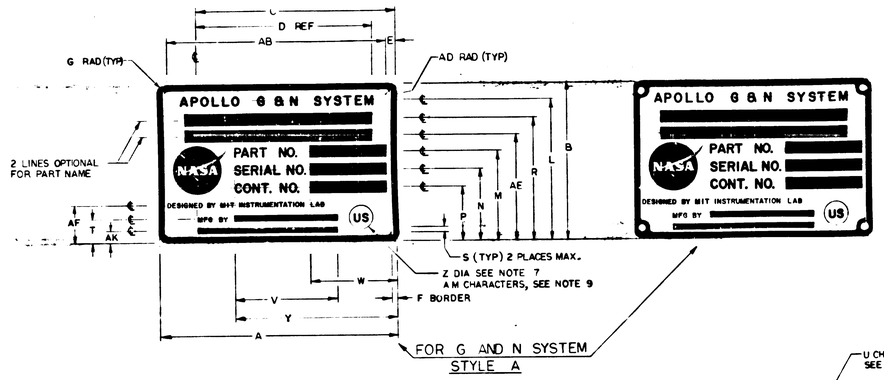
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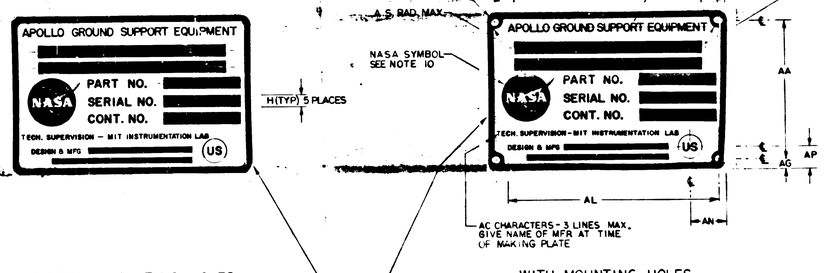
NOTICE - THIS DOCUMENT CONTAINS INFORMATION OF A PROPRIETARY NATURE AND/OR INFORMATION WHICH IS SUBJECT TO EXPORT CONTROL LAWS. THIS INFORMATION IS DISCLOSED TO YOU FOR THE PURPOSE OF DEFINING AND/OR CLARIFYING CONTRACTUAL REQUIREMENTS FOR THE GOVERNMENT. BY ACCEPTANCE OF THIS DOCUMENT, YOU AGREE TO HOLD THE INFORMATION IN CONFIDENCE AND NOT TO REPRODUCE OR USE THE INFORMATION FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS FURNISHED. YOU AGREE TO RESTRICT DISCLOSURE OF THE INFORMATION TO PERSONS WITHIN YOUR ORGANIZATION WHO HAVE A NEED TO KNOW AND TO PROVIDE SIMILAR PROTECTION FOR THE INFORMATION AS WE PROVIDE. YOU AGREE NOT TO DISCLOSE THE INFORMATION TO ANY PERSON OUTSIDE OF THE GOVERNMENT WITHOUT OUR PRIOR WRITTEN CONSENT. YOU AGREE TO RETURN THE INFORMATION TO US UPON REQUEST.

NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED IN MIL-D-70327.
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4. PLATE BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595, COLOR 37038. HONEYCOMB, MASKING AND LETTERING TO BE NATURAL METAL (ANODIZED ALUMINUM).
5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL P 19834.
6. LETTERING STYLE TO BE GOTHIC (SANS SERIFS), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN, CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER ND1002019.
9. WHEN "AUTO MARK" METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC AND AM.
10. NASA SYMBOL IS TO BE PROPORTIONAL TO NAMEPLATE IN RATIO OF 1 TO 5 WITH DIMENSION A VALUE AND IS TO HAVE NATURAL BACKGROUND. NASA SYMBOL LETTERS, LETTERING AND FEATHER TO BE BLACK (OR WHITE FOR SILK SCREENING). WHERE BLACK FEATHER PROTRUDES INTO BLACK BACKGROUND, A MINIMUM OUTLINE OF NATURAL BACKGROUND SHALL EXIST.
11. NAMEPLATES WILL BE APPLIED BY METHODS LISTED BELOW, SHOWN IN ORDER OF PREFERENCE, (I.E., FOR RELIABILITY AND WEIGHT).
    - A - ETCH, OR SILK SCREEN DIRECTLY ON EQUIPMENT USING INK PER SCD 1010920, (WHITE OR BLACK).
    - B - ALUMINUM FOIL, (STYLE A OR B, TYPE I):
      FOIL SHALL BE .0030 ±.0005 THICK PER MIL-A-148.
      FOIL SHALL HAVE NO ADHESIVE BACKING.
      FOIL SHALL BE BONDED PER ND 10022.19, (METHOD III).
      FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    - C - PLATE, (STYLE A OR B, TYPE II):
      MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY, .032 THICK.
      ANODIZE PER MIL-A-8625, TYPE II.
      ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
12. NAMEPLATES SHALL BE CAPABLE OF MEETING APPLICABLE REQUIREMENTS OF MIL-M-13231.
13. ON DIMENSION TABLES SHOWN ON PAGES 2, 3, 4 AND 5, NA MEANS, "NOT APPLICABLE".



FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I

WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0547 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A
2.																																						

REVISIONS						
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J		REVISED PER TDRR 20904			8/16/65	
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L		REVISED PER TDRR 21410			11/3/65	
* M		REVISED PER TDRR 21993			12/9/65	
* N		REVISED PER TDRR 22621			1/7/66	
* P		REVISED PER TDRR 22671			1/7/66	
* R		REVISED PER TDRR 22672			1/7/66	
* S		REVISED PER TDRR 22756			1/7/66	
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* U		REVISED PER TDRR 23072			2/11/66	
V		REVISED PER TDRR 23527			3/23/66	
* W		REVISED PER TDRR 23864	RAJ		4/19/66	
* Y		REVISED PER TDRR 24048	RAJ		5/25/66	
* Z		REVISED PER TDRR 24040	RAJ		5/25/66	
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(AB)		REVISED PER TDRR 24868	RAJ		8/2/66	
(AC)		REVISED PER TDRR 24973	RAJ		8/4/66	
(AD)		REVISED PER TDRR 25003	RAJ		8/16/66	
* E		REVISED PER TDRR 25672	RAJ		2-4-66	
(AF)		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		3-2-66	
* AH		REVISED PER TDRR 26372	"		3-9-66	
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* AK		REVISED PER TDRR 26743	"		3-16-66	
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(AS)		REVISED PER TDRR 27442	"		4-7-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27880	"		4-20-66	
(AV)		REVISED PER TDRR 27896	"		4-20-66	
AW		28110	"		5-16-66	
AY		28173	"		"	
AZ		28131	"		"	
BA		28124	"		"	
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BK		" " " 29349	"		"	
(BL)		" " " 29696	"		"	
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BR		REVISION STATUS CHANGED	JJ	RLW	9-26-66	
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BV		REVISION STATUS CHANGED	JJB	RLW	10-25-66	
BW		REVISION STATUS CHANGED	JJB	RLW	10-25-66	
BY		REVISION STATUS CHANGED	JJB	RLW	10 OCT 66	
BZ		REVISION STATUS CHANGED	LF	RLW	10 OCT 66	

⑥ REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO
			LIST OF MATERIALS	

AS APPL CABLE	
NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± DECIMALS .XX ± .005 ANGLES ±
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB
CAMBRIDGE MASS

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	R. G. Jones	7/16/65
CHECKED	D. J. Lang	7-22-65
APPROVED		
APPROVED	W. Hayden	7-27-65
APPROVED MIT	W. Hayden	7-27-65
APPROVED MSC		11-4-66

NAMEPLATES, APOLLO G&N—GSE (STANDARDS)

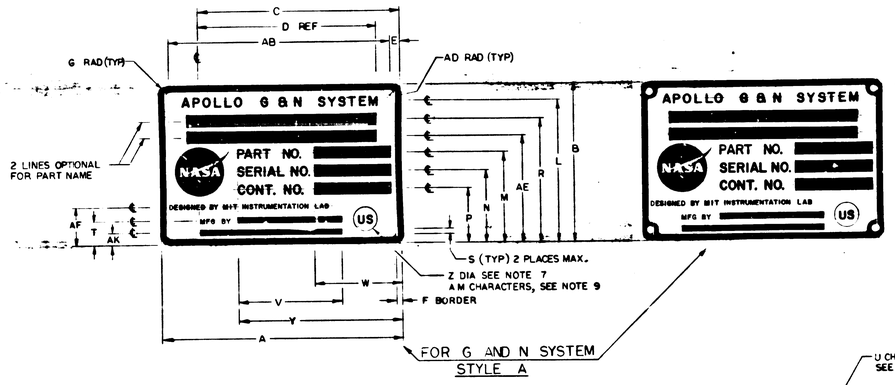
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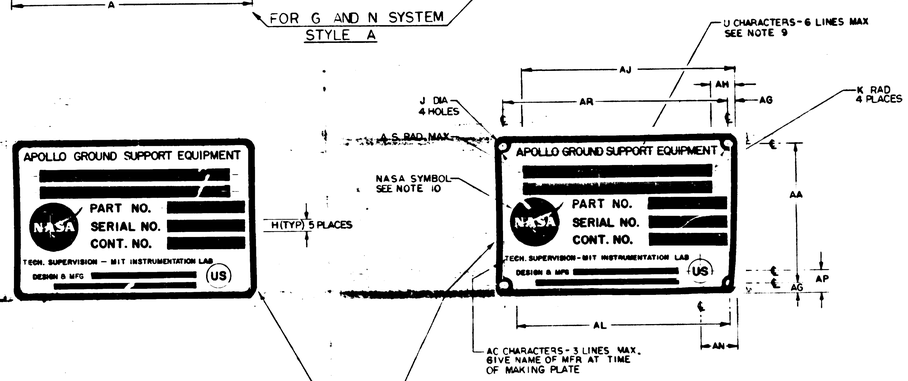
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NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED IN MIL-D-70327.
2. DIMENSIONS ON EACH VIEW APPLY TO ALL VIEWS. (WITH THE EXCEPTION OF MOUNTING HOLES).
3. FORMATS ILLUSTRATED WILL BE APPLICABLE TO ALL ITEMS REQUIRING NAMEPLATES BELOW END ITEM DESIGNATION (SYSTEMS, ASSEMBLIES, ETC.)
4. PLATE BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595, COLOR 37038. BORDER, MARKING AND LETTERING TO BE NATURAL METAL, (ANODIZED ALUMINUM).
5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL P 19834.
6. LETTERING STYLE TO BE GOTHIC (SANS SERIFS), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN, CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER ND1002019.
9. WHEN "AUTO MARK" METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC AND AM.
10. NASA SYMBOL IS TO BE PROPORTIONAL TO NAMEPLATE IN RATIO OF 1 TO 5 WITH DIMENSION A VALUE AND IS TO HAVE NATURAL BACKGROUND. NASA SYMBOL LETTERS, LETTERING AND FEATHER TO BE BLACK, (OR WHITE FOR SILK SCREENING). WHERE BLACK FEATHER PROTRUDES INTO BLACK BACKGROUND, A MINIMUM OUTLINE OF NATURAL BACKGROUND SHALL EXIST.
11. NAMEPLATES WILL BE APPLIED BY METHODS LISTED BELOW, SHOWN IN ORDER OF PREFERENCE, (I.E., FOR RELIABILITY AND WEIGHT).
    - A - STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT USING INK PER SCD 1010920, (WHITE OR BLACK).
    - B - ALUMINUM FOIL, (STYLE A OR B, TYPE I): FOIL SHALL BE .0030 ± .0005 THICK PER MIL-A-148. FOIL SHALL HAVE NO ADHESIVE BACKING. FOIL SHALL BE BONDED PER ND 1002219, (METHOD II). FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    - C - PLATE, (STYLE A OR B, TYPE II): MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY, .032 THICK. ANODIZE PER MIL-A-8625, TYPE II. ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
12. NAMEPLATES SHALL BE CAPABLE OF MEETING APPLICABLE REQUIREMENTS OF MIL-M-13231.
13. ON DIMENSION TABLES SHOWN ON PAGES 2, 3, 4 AND 5, NA MEANS, "NOT APPLICABLE".



FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I

WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	A	.6563A	.8438A	.6875A	.0391A	.0240A	.0391A	.0469A	.0547A	.0469A	.5938A	.3750A	.2969A	.2187A	.5079A	.0313A	.0938A	.0391A	.4375A	.3594A	.6875A	.1094A	.5781A	.9219A	.0240A	.0156A	.4375A	.1525A	.0391A	.1563A	.8438A	.0548A	.8659A	.0391A	.1563A	.0938A	.9219A	.0151A
2.	1.000A	.6563A	.8438A	.6875A	.0391A	.0240A	.0391A	.0469A	.0547A	.0469A	.5938A	.3750A	.2969A	.2187A	.5079A	.0313A	.0938A	.0391A	.4375A	.3594A	.6875A	.1094A	.5781A	.9219A	.0240A	.0156A	.4375A	.1525A	.0391A	.1563A	.8438A	.0548A	.8659A	.0391A	.1563A	.0938A	.9219A	.0151A

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/16/65	
*		REVISED PER TDRR 20892			8/25/65	
J		REVISED PER TDRR 20904			8/26/65	
K		REVISED PER TDRR 21379			8/27/65	
L		REVISED PER TDRR 21410			8/31/65	
* M		REVISED PER TDRR 21593			10/	
* N		REVISED PER TDRR 22621			11/	
* P		REVISED PER TDRR 22671			11/	
* R		REVISED PER TDRR 22672				
* S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823				
* U		REVISED PER TDRR 23072			11-23-65	
V		REVISED PER TDRR 23527			12-27-65	
* W		REVISED PER TDRR 23824	RAJ		1-19-65	
* Y		REVISED PER TDRR 24018	RAJ		1-16-65	
* Z		REVISED PER TDRR 24040	RAJ		1-19-65	
* AA		REVISED PER TDRR 24066	RAJ		1-19-65	
AB		REVISED PER TDRR 24868	RAJ		2-22-65	
AC		REVISED PER TDRR 24973	RAJ		2-4-66	
AD		REVISED PER TDRR 25045	RAJ		2-18-66	
* AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-15-66	
* AH		REVISED PER TDRR 26372	"		3-9-66	
* AJ		REVISED PER TDRR 26425	"		3-16-66	
* AK		REVISED PER TDRR 26743	"		3-30-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27165	"		4-7-66	
* AN		REVISED PER TDRR 27235	"		4-7-66	
* AP		REVISED PER TDRR 27345	"		4-7-66	
* AR		REVISED PER TDRR 274.7	"		4-7-66	
AS		REVISED PER TDRR 27442	"		4-7-66	
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AU		REVISED PER TDRR 27680	"		4-20-66	
AV		REVISED PER TDRR 27396	"		4-20-66	
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AZ		" " " 28131	"			
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BD		" " " 29222	"		6-9-66	
BE		" " " 29235	"		6-8-66	
BF		" " " 29322	"		6-30-66	
BG		" " " 29429	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
BK		" " " 296 9	"		"	
BL		" " " 25696	"			
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BN		REVISION STATUS CHANGED	TE	RWW	8-10-66	
BP		REVISION STATUS CHANGED	TE	RWW	8-24-66	
BR		REVISION STATUS CHANGED	TE	RWW	9-6-66	
BS		REVISION STATUS CHANGED	GW	RWW	9-26-66	
BT		REVISION STATUS CHANGED	GW	RWW	9-29-66	
BU		REVISION STATUS CHANGED	EH	TE	10-5-66	
BV		REVISION STATUS CHANGED	JJB	RWW	10-5-66	
BW		REVISION STATUS CHANGED	JJB	RWW	10-5-66	
BY		REVISION STATUS CHANGED	JJB	RWW	10-5-66	
BZ		REVISION STATUS CHANGED	LE	RWW	10-5-66	
CA		REVISION STATUS CHANGED	JJB	TE	25-OCT-66	

⑥ REPLACES REV F WITH CHANGE

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LIST OF MATERIALS

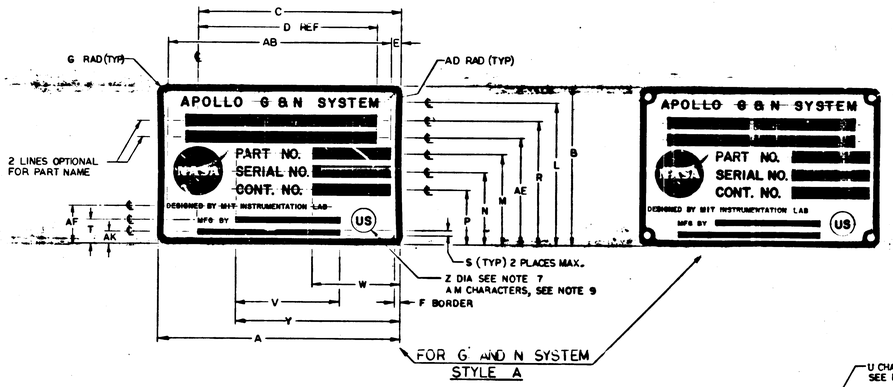
AS APPLICABLE		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. CAPACITOR VALUES ARE IN μf. RESISTOR VALUES ARE IN OHMS. TOLERANCES ON: FRACTIONS ± —, DECIMALS ± .005, ANGLES ± —. DO NOT SCALE THIS DRAWING.	MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
NEXT ASSY	USED ON	MATERIAL: SEE NOTE 11	MANNED SPACECRAFT CENTER, HOUSTON, TEXAS
APPLICATION			NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

DRAWN R. G. Jones 7/16/65
CHECKED G. J. Lampe 7-22-65
APPROVED W. Hayden 7/26/65
APPROVED MIT W. Hayden 7/26/65
APPROVED MSC 11/1/65

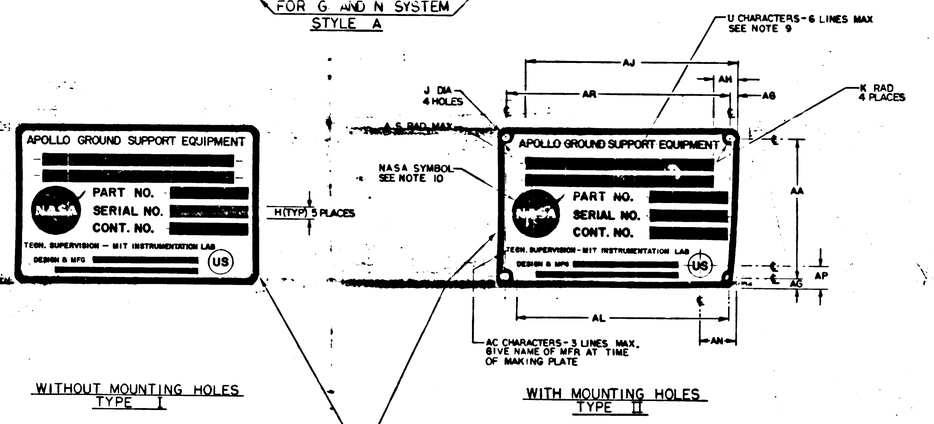
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DATE | SCALE NONE | SHEET 1 OF 5

NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED IN MIL-D-70327.
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FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I

WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
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	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0547 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A
2.																																						

REVISIONS						
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/14/65	
H		REVISED PER TDRR 20892			8/26/65	
J		REVISED PER TDRR 20904			9/16/65	
K		REVISED PER TDRR 21379			9/15/65	
L		REVISED PER TDRR 21410			9/29/65	
M		REVISED PER TDRR 21993			10/	
N		REVISED PER TDRR 22621			11/	
P		REVISED PER TDRR 22671			11/	
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750			12/	
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072			1-13-66	
V		REVISED PER TDRR 23527			2-27-66	
W		REVISED PER TDRR 23824	RAJ		3-25-66	
Y		REVISED PER TDRR 24018	RAJ		11-16-65	
Z		REVISED PER TDRR 24040	RAJ		11-19-65	
AA		REVISED PER TDRR 24060	RAJ		11-19-65	
AB		REVISED PER TDRR 24868	RAJ		12-22-65	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-18-66	
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AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 2640	RAJ		2-25-66	
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AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27188	"		4-7-66	
AN		REVISED PER TDRR 27235	"		4-7-66	
AP		REVISED PER TDRR 27345	"		4-7-66	
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AS		REVISED PER TDRR 27442	"		4-7-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
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AV		REVISED PER TDRR 27896	"		4-20-66	
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AY		28173	"			
AZ		28131	"			
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BB		REVISED PER TDRR 28511	"		5-16-66	
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BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
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BP		REVISION STATUS CHANGED	"	RLW	8-24-66	
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BV		REVISION STATUS CHANGED	JJB	RLW	30 SEP 66	
BW		REVISION STATUS CHANGED	JJB	RLW	30 SEP 66	
BY		REVISION STATUS CHANGED	JJB	RLW	10 OCT 66	
BZ		REVISION STATUS CHANGED	JJB	RLW	10 OCT 66	
CA		REVISION STATUS CHANGED	JJB	WS	25 OCT 66	
CB		REVISION STATUS CHANGED	REF	WS	10 DEC 66	

G REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ± .005 ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN R. G. Jones 7/1665
CHECKED W. J. Lawson 7-22-66
APPROVED
APPROVED
APPROVED MIT
APPROVED MSC
DATE

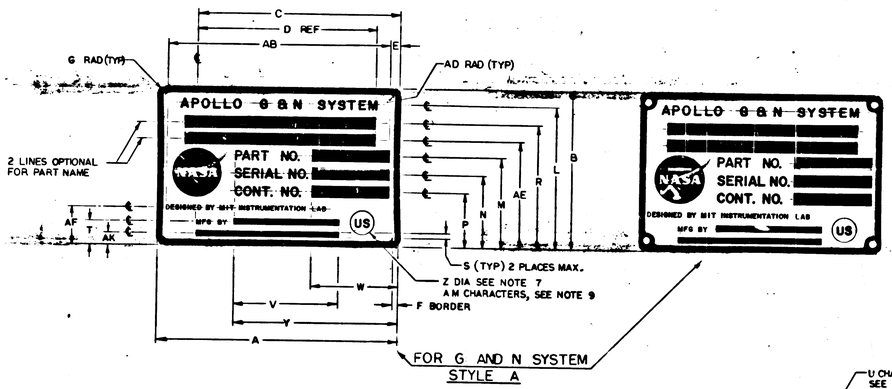
NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

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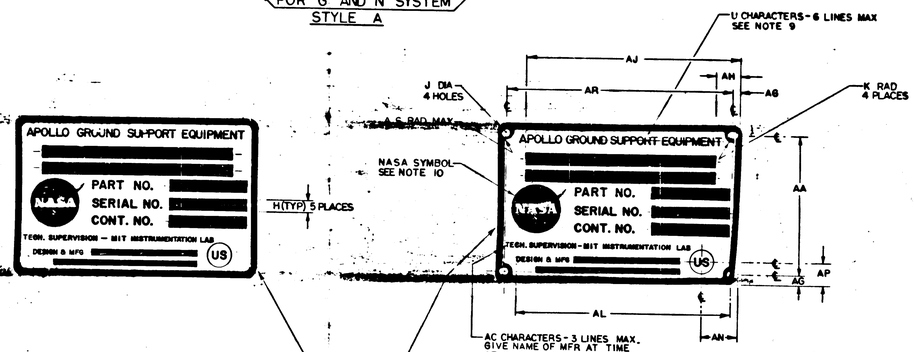
SCALE NONE | SHEET 1 OF 6

NOTES:

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FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I

WITH MOUNTING HOLES
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FOR GROUND SUPPORT EQUIPMENT
STYLE B

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1.	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0547 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A
2.																																						

SYM	ZONE	REVISIONS — DESCRIPTION	DR	CHK	DATE	APPROVED
	G	REPLACES REV F WITH CHANGE PER TDRR 20854			7/16/65	
*	H	REVISED PER TDRR 20892			8/25/65	
	J	REVISED PER TDRR 20904			9/16/65	
	K	REVISED PER TDRR 21379			10/15/65	
	L	REVISED PER TDRR 21410			10/29/65	
*	M	REVISED PER TDRR 21993				
*	N	REVISED PER TDRR 22621			10/	
*	P	REVISED PER TDRR 22671			11/	
*	R	REVISED PER TDRR 22672				
*	S	REVISED PER TDRR 22759			12/	
	T	REVISED PER TDRR 22823			12/	
*	U	REVISED PER TDRR 23072			1-13-66	
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*	W	REVISED PER TDRR 23824	RAJ		3-9-66	
*	Y	REVISED PER TDRR 24018	RAJ		3-16-66	
*	Z	REVISED PER TDRR 24040	RAJ		3-19-66	
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(B)	AB	REVISED PER TDRR 24868	RAJ		4-22-66	
(C)	AC	REVISED PER TDRR 24973	RAJ		4-4-66	
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*	AH	REVISED PER TDRR 26372	"		5-6-66	
*	AJ	REVISED PER TDRR 26425	"		5-6-66	
*	AK	REVISED PER TDRR 26743	"		5-16-66	
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*	AM	REVISED PER TDRR 27168	"		4-7-66	
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*	AR	REVISED PER TDRR 27417	"		4-7-66	
(G)	AS	REVISED PER TDRR 27442	"		4-7-66	
	AT	REVISED PER TDRR 27719	"		4-20-66	
(H)	AU	REVISED PER TDRR 27880	"		4-20-66	
(H)	AV	REVISED PER TDRR 27896	"		4-20-66	
	AW	28110	"		5-16-66	
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(K)	BC	" " " 28949	"		5-24-66	
(L)	BD	" " " 29222	"		6-8-66	
(M)	BE	" " " 29335	"		6-8-66	
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	BG	" " " 29429	"		"	
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	BY	REVISION STATUS CHANGED	JJB	RLW	10OCT 66	
(S)	BZ	REVISION STATUS CHANGED	JJE	RLW	10OCT 66	
(T)	CA	REVISION STATUS CHANGED	JJB	RLW	10OCT 66	
(U)	CB	REVISION STATUS CHANGED	REF	JJB	10OCT 66	
	CC	REVISION STATUS CHANGED	AF	JJB	11-2-66	

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© REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

AS APPLICABLE		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES CAPACITOR VALUES ARE IN μf RESISTOR VALUES ARE IN OHMS TOLERANCES ON FRACTIONS DECIMALS ANGLES ± — ± .005 ± — DO NOT SCALE THIS DRAWING	MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.
NEXT ASSY	USED ON	MATERIAL SEE NOTE 11	MANNED SPACECRAFT CENTER HOUSTON, TEXAS
APPLICATION			

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APPROVED MIT [illegible]
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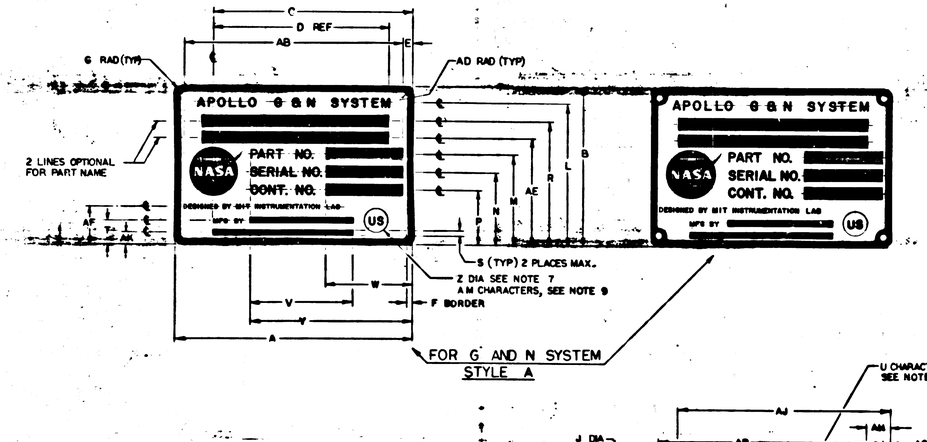
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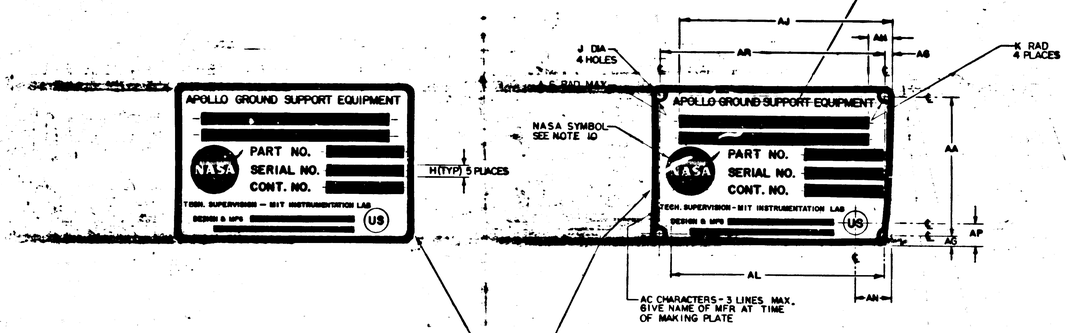
DATE [illegible] | SCALE NONE | SHEET 1 OF 6

NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED IN MIL-D-70327.
2. DIMENSIONS ON EACH VIEW APPLY TO ALL VIEWS. (WITH THE EXCEPTION OF MOUNTING HOLES).
3. FORMATS ILLUSTATED WILL BE APPLICABLE TO ALL ITEMS REQUIRING NAMEPLATES BELOW END ITEM DESIGNATION (SYSTEMS, ASSEMBLIES, ETC.)
4. PLATE BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595, COLOR 37038. BORDER, MARKING AND LETTERING TO BE NATURAL METAL,(ANODIZED ALUMINUM).
5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL P 19834.
6. LETTERING STYLE TO BE GOTHIC,(SANS SERIFS), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN,CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER ND1002019.
9. WHEN "AUTO MARK" METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC AND AM.
10. NASA SYMBOL IS TO BE PROPORTIONAL TO NAMEPLATE IN RATIO OF 1 TO 5 WITH DIMENSION A VALUE AND IS TO HAVE NATURAL BACKGROUND. NASA SYMBOL LETTERS LETTERING AND FEATHER TO BE BLACK,(OR WHITE FOR SILK SCREENING), WHERE BLACK FEATHER PROTRUDES INTO BLACK BACKGROUND, A MINIMUM OUTLINE OF NATURAL BACKGROUND SHALL EXIST.
11. NAMEPLATES WILL BE APPLIED BY METHODS LISTED BELOW, SHOWN IN ORDER OF PREFERENCE, (IE, FOR RELIABILITY AND WEIGHT).
    A - STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT USING INK PER SCD 1010920,(WHITE OR BLACK).
    B - ALUMINUM FOIL,(STYLE A OR B, TYPE I):
        FOIL SHALL BE .0030 ± .0005 THICK PER MIL-A-148.
        FOIL SHALL HAVE NO ADHESIVE BACKING.
        FOIL SHALL BE BONDED PER ND 100228,(METHOD II).
        FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    C - PLATE, (STYLE A OR B, TYPE II):
        MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY, .032 THICK.
        ANODIZE PER MIL-A-8625, TYPE II.
        ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
12. NAMEPLATES SHALL BE CAPABLE OF MEETING APPLICABLE REQUIREMENTS OF MIL-M-13231.
13. ON DIMENSION TABLES SHOWN ON PAGES 2, 3, 4 AND 5, NA MEANS, "NOT APPLICABLE".



FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I

WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0847 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A
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REVISIONS								02768
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	J	REVISED PER TDRR 20904			8/9/66	
	K	REVISED PER TDRR 21379			8/15/66	
	L	REVISED PER TDRR 21410			8/23/66	
*	M	REVISED PER TDRR 21993				
*	N	REVISED PER TDRR 22621			10/66	
*	P	REVISED PER TDRR 22671			11/66	
*	R	REVISED PER TDRR 22672				
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	V	REVISED PER TDRR 23521			12-27-66	
*	W	REVISED PER TDRR 23824	RAJ		1-9-67	
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(M)	AD	REVISED PER TDRR 25065	RAJ		1-16-67	
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(R)	AF	REVISED PER TDRR 25671	RAJ		2-6-67	
	AG	REVISED PER TDRR 26140	RAJ		2-15-67	
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*	AJ	REVISED PER TDRR 26425	"		3-16-67	
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*	AN	REVISED PER TDRR 27235	"		4-7-67	
*	AP	REVISED PER TDRR 27345	"		4-7-67	
*	AR	REVISED PER TDRR 27417	"		4-7-67	
(Y)	AS	REVISED PER TDRR 27442	"		4-7-67	
	AT	REVISED PER TDRR 27719	"		4-20-67	
(Y)	AU	REVISED PER TDRR 27880	"		4-20-67	
(W)	AV	REVISED PER TDRR 27896	"		4-20-67	
	AW	28110	"		5-16-67	
	AY	28173	"		"	
	AZ	28131	"		"	
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	BG	" " " 29429	"		"	
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	BV	REVISION STATUS CHANGED	JJB		9-30-66	
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(C)	CA	REVISION STATUS CHANGED	JJB		25 OCT 66	
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	CD	REVISION STATUS CHANGED	TR		1-16-67	

(G) REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

DRAWN R. A. Jones 7/16/66
CHECKED A. J. Lange 8-22-66
APPROVED
APPROVED W. Hyden 8/24/66
APPROVED MIT W. Hyden 8/24/66
APPROVED MSC 9/6/66

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260

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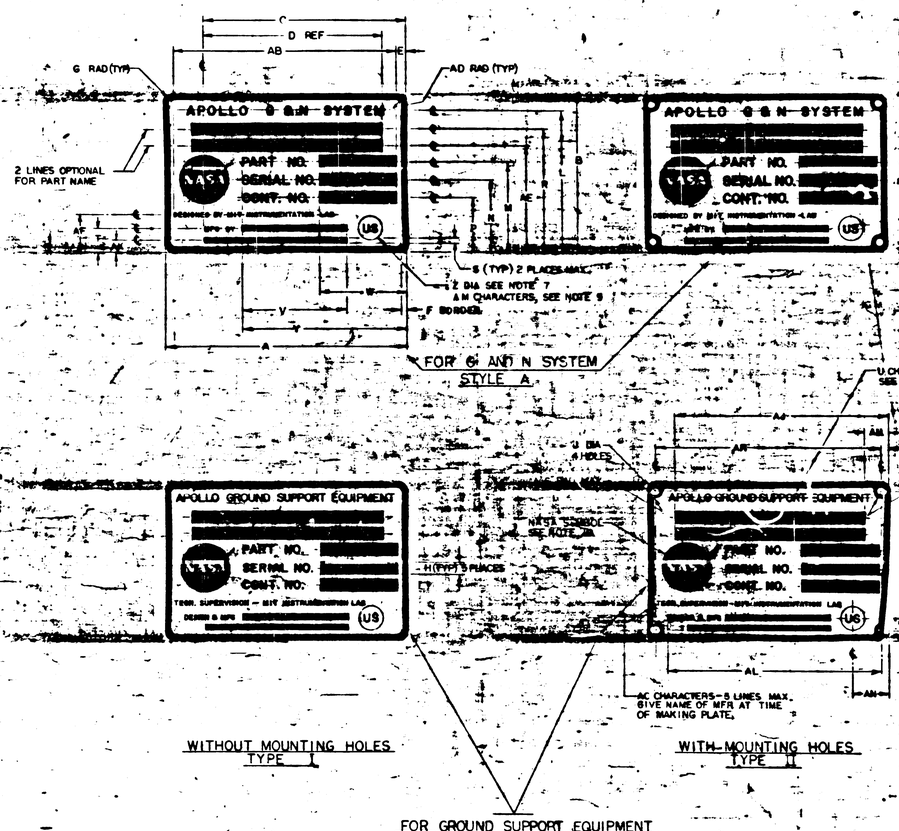
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ± .005 ± —
DO NOT SCALE THIS DRAWING
MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MALTER

NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED IN MIL-D-70327.
2. DIMENSIONS ON EACH VIEW APPLY TO ALL VIEWS.
3. WITH THE EXCEPTION OF MOUNTING HOLES).
4. FORMATS ILLUSTATED WILL BE APPLICABLE TO ALL ITEMS REQUIRING NAMEPLATES BELOW END ITEM DESIGNATION (SYSTEMS, ASSEMBLIES, ETC.)
5. PLATE BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595, COLOR 37038. BORDER, MARKING AND LETTERING TO BE NATURAL METAL,(ANODIZED ALUMINUM).
6. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL P 19834.
7. LETTERING STYLE TO BE GOTHIC,(SANS SERIFS), AND NUMBERS TO BE ARABIC.
8. WHERE LOCATING DIMENSIONS ARE NOT SHOWN,CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
9. IDENTIFY WITH DRAWING NUMBER PER ND1002019.
10. WHEN "AUTO MARK" METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC AND AM.
11. NASA SYMBOL IS TO BE PROPORTIONAL TO NAMEPLATE IN RATIO OF 1 TO 5 WITH DIMENSION A VALUE AND IS TO HAVE NATURAL BACKGROUND. NASA SYMBOL LETTERS, LETTERING AND FEATHER TO BE BLACK,(OR WHITE FOR SILK SCREENING). WHERE BLACK FEATHER PROTRUDES INTO BLACK BACKGROUND, A MINIMUM OUTLINE OF NATURAL BACKGROUND SHALL EXIST.
12. NAMEPLATES WILL BE APPLIED BY METHODS LISTED BELOW, SHOWN IN ORDER OF PREFERENCE, (IE., FOR RELIABILITY AND WEIGHT).
    - A - STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT USING INK PER SCD 1010920,(WHITE OR BLACK).
    - B - ALUMINUM FOIL,(STYLE A OR B, TYPE I): FOIL SHALL BE .0030 ±.0005 THICK PER MIL-A-148. FOIL SHALL HAVE NO ADHESIVE BACKING. FOIL SHALL BE BONDED PER ND 1002219,(METHOD II). FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    - C - PLATE, (STYLE A OR B, TYPE II): MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY, .032 THICK. ANODIZE PER MIL-A-8625, TYPE II. ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
13. NAMEPLATES SHALL BE CAPABLE OF MEETING APPLICABLE REQUIREMENTS OF MIL-M-13231.
14. ON DIMENSION TABLES SHOWN ON PAGES 2, 3, 4 AND 5, NA MEANS, "NOT APPLICABLE".



SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0547 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.5219 A	.0151 A
2.																																						

⑥ REPLACES REV P WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	SPECIFICATION OR DESCRIPTION

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ± .005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE H

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT
INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

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APPROVED [illegible]
APPROVED [illegible]
APPROVED MIT [illegible]
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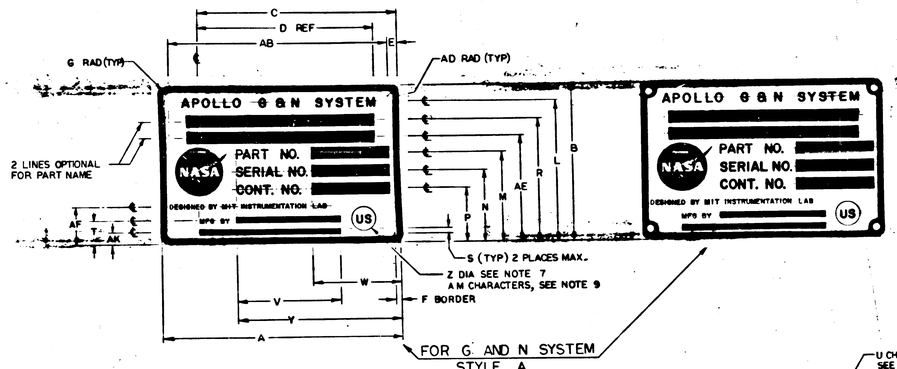
NAMEPLATES
APOLLO GÉN-GSE
(STANDARDS)

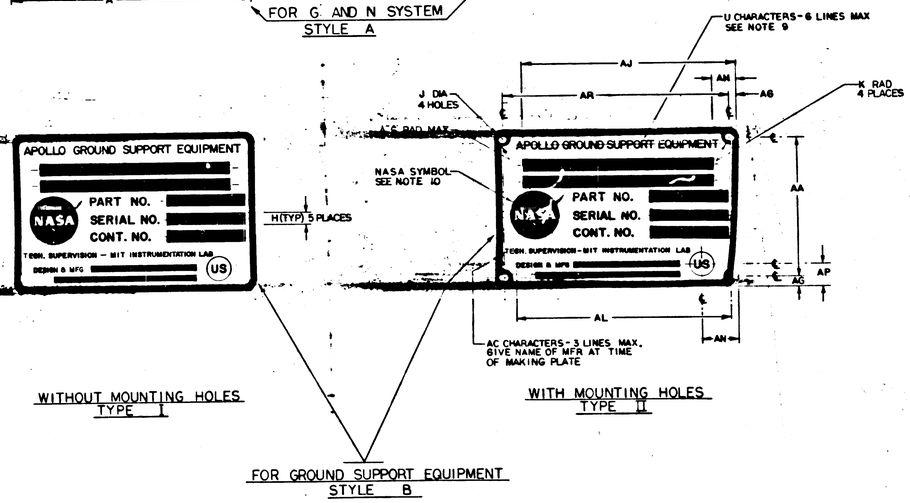
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V		REVISED PER TDRR 23427		
W		REVISED PER TDRR 23491		
Y		REVISED PER TDRR 24018		
Z		REVISED PER TDRR 24040		
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AM		REVISED PER TDRR 27 [illegible]		
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AU		REVISED PER TDRR 27880		
AV		REVISED PER TDRR 27896		
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AY		28178		
AZ		28311		
BA		28381		
BB		REVISED PER TDRR 28576		
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BV		REVISION STATUS CHANGED		
BW		REVISION STATUS CHANGED		
BY		REVISION STATUS CHANGED		
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CA		REVISION STATUS CHANGED		
CB		REVISION STATUS CHANGED		
CC		REVISION STATUS CHANGED		
CD		REVISION STATUS CHANGED		
CE		REVISION STATUS CHANGED		

NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED IN MIL-D-70327.
2. DIMENSIONS ON EACH VIEW APPLY TO ALL VIEWS. (WITH THE EXCEPTION OF MOUNTING HOLES).
3. FORMATS ILLUSTRATED WILL BE APPLICABLE TO ALL ITEMS REQUIRING NAMEPLATES BELOW END ITEM DESIGNATION (SYSTEMS, ASSEMBLIES, ETC.)
4. PLATE BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595, COLOR 37038. BORDER, MARKING AND LETTERING TO BE NATURAL METAL, (ANODIZED ALUMINUM).
5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL P 19834.
6. LETTERING STYLE TO BE GOTHIC, (SANS SERIFS), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN, CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER MD1002019.
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11. NAMEPLATES WILL BE APPLIED BY METHODS LISTED BELOW, SHOWN IN ORDER OF PREFERENCE, (I.E., FOR RELIABILITY AND WEIGHT).
    - A - STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT USING INK PER SCD 1010920, (WHITE OR BLACK).
    - B - ALUMINUM FOIL, (STYLE A OR B, TYPE I):
      FOIL SHALL BE .0030 ± .0005 THICK PER MIL-A-148.
      FOIL SHALL HAVE NO ADHESIVE BACKING.
      FOIL SHALL BE BONDED PER ND 1002219, (METHOD II).
      FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    - C - PLATE, (STYLE A OR B, TYPE II):
      MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY, .032 THICK.
      ANODIZE PER MIL-A-8625, TYPE II.
      ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
12. NAMEPLATES SHALL BE CAPABLE OF MEETING APPLICABLE REQUIREMENTS OF MIL-M-13231.
13. ON DIMENSION TABLES SHOWN ON PAGES 2, 3, 4 AND 5, NA MEANS, "NOT APPLICABLE".





SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	1.000 A	.6563A	.8438A	.6875A	.0391A	.0240A	.0391A	.0469A	.0547A	.0469A	.5938A	.3750A	.2969A	.2187A	.5079A	.0313A	.0938A	.0391A	.4375A	.3594A	.6875A	.1094A	.5781A	.9219A	.0240A	.0156A	.4375A	.1525A	.0391A	.1563A	.8438A	.0548A	.8659A	.0391A	.1563A	.0938A	.9219A	.0151A
2.																																						

REVISIONS						
SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7-16-65	
H		REVISED PER TDRR 20898			8-4-65	
J		REVISED PER TDRR 20904			8-6-65	
K		REVISED PER TDRR 21379			8-25-65	
L		REVISED PER TDRR 21410			9-14-65	
M		REVISED PER TDRR 21993			9-29-65	
N		REVISED PER TDRR 22621			10-27-65	
P		REVISED PER TDRR 22671			11-3-65	
R		REVISED PER TDRR 22672			11-3-65	
S		REVISED PER TDRR 22750			11-10-65	
T		REVISED PER TDRR 22823			11-18-65	
U		REVISED PER TDRR 23072			11-30-65	
V		REVISED PER TDRR 23521			12-27-65	
W		REVISED PER TDRR 23826	RAJ		1-19-66	
Y		REVISED PER TDRR 24018	RAJ		1-26-66	
Z		REVISED PER TDRR 24040	RAJ		1-19-66	
AA		REVISED PER TDRR 24060	RAJ		1-19-66	
AB		REVISED PER TDRR 24868	RAJ		2-22-66	
AC		REVISED PER TDRR 24973	RAJ		2-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-28-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26140	RAJ		2-15-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-10-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27035	"		4-7-66	
AN		REVISED PER TDRR 27235	"		4-7-66	
AP		REVISED PER TDRR 27345	"		4-7-66	
AR		REVISED PER TDRR 27417	"		4-7-66	
AS		REVISED PER TDRR 27442	"		4-7-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27880	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-20-66	
AW		28110	"		5-16-66	
AY		28173	"			
AZ		28131	"			
BA		28124	"			
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	
BD		" " " 29222	"		6-6-66	
BE		" " " 29235	"		6-8-66	
BF		" " " 29322	"		6-20-66	
BG		" " " 29429	"			
BH		" " " 29449	"			
BJ		" " " 29335	"			
BK		" " " 29619	"			
BL		" " " 29696	"		7-26-66	
BM		REVISION STATUS CHANGED	JSD	MS	7-29-66	
BN		REVISION STATUS CHANGED	TT	RW	8-30-66	
BP		REVISION STATUS CHANGED	TT	RW	9-26-66	
BR		REVISION STATUS CHANGED	WB	RW	9-30-66	
BS		REVISION STATUS CHANGED	GW	RW	10-3-66	
BT		REVISION STATUS CHANGED	GW	RW	10-3-66	
BU		REVISION STATUS CHANGED	EM	TT	10-3-66	
BV		REVISION STATUS CHANGED	JJB	RW	10-3-66	
BW		REVISION STATUS CHANGED	JJB	RW	10-3-66	
BY		REVISION STATUS CHANGED	JJB	RW	10 OCT 66	
BZ		REVISION STATUS CHANGED	JJB	RW	10 OCT 66	
CA		REVISION STATUS CHANGED	JJB	RW	12 OCT 66	
CB		REVISION STATUS CHANGED	REF	RW	12 OCT 66	
CC		REVISION STATUS CHANGED	AF	RW	17 NOV 66	
CD		REVISION STATUS CHANGED	TBR	RW	6 FEB 67	
CE		REVISION STATUS CHANGED	SMEL	RW	9 APR 67	
CF		REVISION STATUS CHANGED	SMEL	RW	6 JUNE 67	

(G) REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS DECIMALS ANGLES
± — ± .005 ± —
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 11
AS APPLICABLE
NEXT ASSY USED ON
APPLICATION

MIT INSTRUMENTATION LAB CAMBRIDGE MASS

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN	R.G. Brown	7/16/65
CHECKED	G.J. Tuttle	7-22-65
APPROVED	W. Hogan	7/26/65
APPROVED MIT	W. Hogan	7/26/65
APPROVED MSC	[illegible]	7/26/65

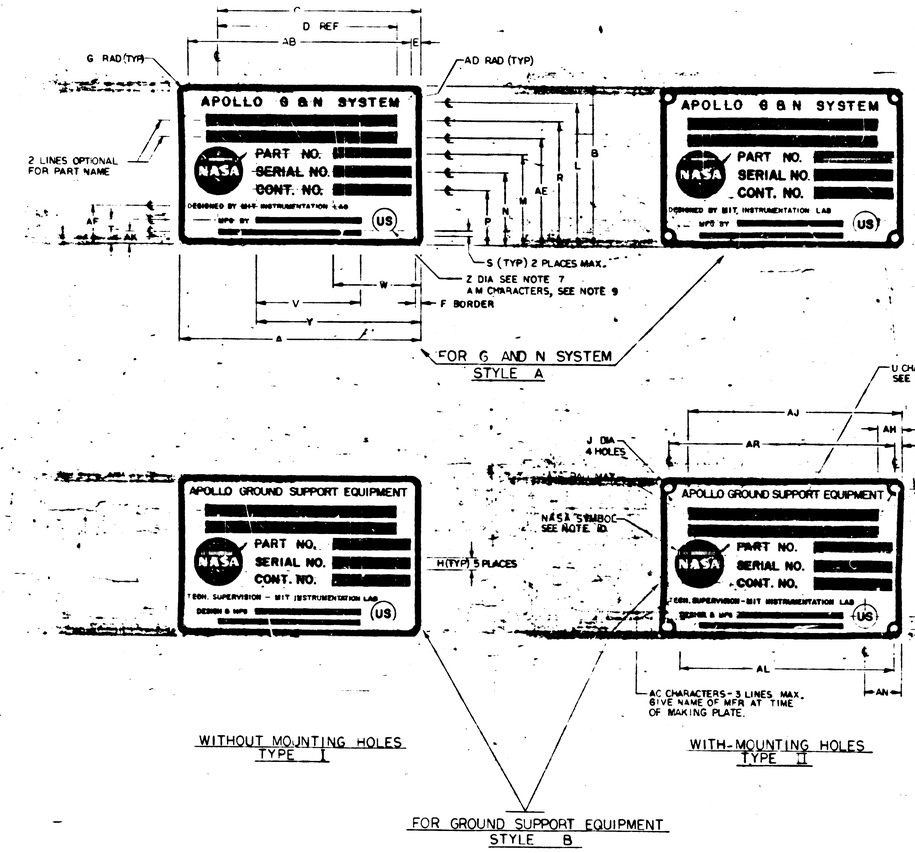
NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO 1004260

SCALE NONE | SHEET 1 OF 5

NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED IN MIL-D-70327.
2. DIMENSIONS ON EACH VIEW APPLY TO ALL VIEWS. (WITH THE EXCEPTION OF MOUNTING HOLES).
3. FORMATS ILLUSTRATED WILL BE APPLICABLE TO ALL ITEMS REQUIRING NAMEPLATES BELOW END ITEM DESIGNATION (SYSTEMS ASSEMBLIES, ETC.)
4. PLATE BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595, COLOR 37038. BORDER, MARKING AND LETTERING TO BE NATURAL METAL, (ANODIZED ALUMINUM).
5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL-P-19834.
6. LETTERING STYLE TO BE GOTHIC (SANS SERIFS), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN, CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER ND1002C.9.
9. WHEN "AUTO MARK" METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC AND AM.
10. NASA SYMBOL IS TO BE PROPORTIONAL TO NAMEPLATE IN RATIO OF 1 TO 5 WITH DIMENSION A VALUE AND IS TO HAVE NATURAL BACKGROUND SURROUNDING LETTERING AND FEATHER TO BE BLACK (OR WHITE FOR SILK SCREENING). WHERE BLACK FEATHER PROTRUDES INTO BLACK BACKGROUND, A MINIMUM OUTLINE OF NATURAL BACKGROUND SHALL EXIST.
11. NAMEPLATES WILL BE APPLIED BY METHODS LISTED BELOW, SHOWN IN ORDER OF PREFERENCE, (IE., FOR RELIABILITY AND WEIGHT).
    A - STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT USING INK PER SCD 1010920, (WHITE OR BLACK).
    B - ALUMINUM FOIL (STYLE A OR B, TYPE I):
    FOIL SHALL BE OF 5052-H32 TEMPER ALLOY.
    FOIL SHALL HAVE NO ADHESIVE BACKING.
    FOIL SHALL BE BONDED PER NO 002219, (METHOD II).
    FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    C - PLATE, (STYLE A OR B, TYPE II):
    MATERIAL: QQ-A-250, TEMPER OR H14, TYPE 1100, ALUMINUM ALLOY, .032 THICK.
    ANODIZE PER MIL-A-8625, TYPE II.
    ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
12. NAMEPLATES SHALL BE CAPABLE OF MEETING APPLICABLE REQUIREMENTS OF MIL-M-13231.
13. ON DIMENSION TABLES SHOWN ON PAGES 2, 3, 4 AND 5, NA MEANS, "NOT APPLICABLE".



SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0547 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A
2.	1.000	.6563	.8438	.6875	.0391	.0240	.0391	.0469	.0547	.0469	.5938	.3750	.2969	.2187	.5079	.0313	.0938	.0391	.4375	.3594	.6875	.1094	.5781	.9219	.0240	.0156	.4375	.1525	.0391	.1563	.8438	.0548	.8659	.0391	.1563	.0938	.9219	.0151

ZONE	REVISIONS			
	DESCRIPTION	BY	CHK	APPD
G	REPLACES REV M WITH CHANGE PER TDRA 20654.			
H	REVISED PER TDRR 20892			
J	REVISED PER TDRR 20904			
K	REVISED PER TDRR 21379			
L	REVISED PER TDRR 21410			
M	REVISED PER TDRR 21993			
N	REVISED PER TDRR 22621			
P	REVISED PER TDRR 22671			
R	REVISED PER TDRR 22672			
S	REVISED PER TDRR 22750			
T	REVISED PER TDRR 22823			
U	REVISED PER TDRR 23072			
V	REVISED PER TDRR 23527			
W	REVISED PER TDRR 23824	RAJ		
Y	REVISED PER TDRR 24018	RAJ		
Z	REVISED PER TDRR 24040	RAJ		
AA	REVISED PER TDRR 24060	RAJ		
AB	REVISED PER TDRR 24868	RAJ		
AC	REVISED PER TDRR 24973	RAJ		
AD	REVISED PER TDRR 24965	RAJ		
AE	REVISED PER TDRR 25672	RAJ		
AF	REVISED PER TDRR 25671	RAJ		
AG	REVISED PER TDRR 26140	RAJ		
AH	REVISED PER TDRR 26372	"		
AJ	REVISED PER TDRR 26645	"		
AK	REVISED PER TDRR 26743	"		
AL	REVISED PER TDRR 27458	"		
AM	REVISED PER TDRR 27468	"		
AN	REVISED PER TDRR 27235	"		
AP	REVISED PER TDRR 27345	"		
AR	REVISED PER TDRR 27417	"		
AS	REVISED PER TDRR 27442	"		
AT	REVISED PER TDRR 27719	"		
AU	REVISED PER TDRR 27850	"		
AV	REVISED PER TDRR 27896	"		
AW	28110	"		
AY	28173	"		
AZ	28131	"		
BA	28124	"		
BB	REVISED PER TDRR 28511	"		
BC	" " " 28949	"		
BD	" " " 29222	"		
BE	" " " 29235	"		
BF	" " " 29322	"		
BG	" " " 29429	"		
BH	" " " 29468	"		
BJ	" " " 29335	"		
BK	" " " 29619	"		
BL	" " " 29696	"		
BM	REVISION STATUS CHANGED	JSD	NS	
BN	REVISION STATUS CHANGED	"		
BP	REVISION STATUS CHANGED	"		
BR	REVISION STATUS CHANGED	JJS		
BS	REVISION STATUS CHANGED	"		
BT	REVISION STATUS CHANGED	GW		
BU	REVISION STATUS CHANGED	EM		
BV	REVISION STATUS CHANGED	JJS		
BW	REVISION STATUS CHANGED	JJS		
BY	REVISION STATUS CHANGED	JJS		
BZ	REVISION STATUS CHANGED	LE		
CA	REVISION STATUS CHANGED	JJS		
CB	REVISION STATUS CHANGED	REE		
CC	REVISION STATUS CHANGED	AF		
CD	REVISION STATUS CHANGED			
CE	REVISION STATUS CHANGED			
CF	REVISION STATUS CHANGED			
CG	REVISION STATUS CHANGED			

G REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION
			LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS DECIMALS ANGLES
± ± .005 ±
DO NOT SCALE THIS DRAWING

MATERIAL: SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT - INSTRUMENTATION LAB, CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

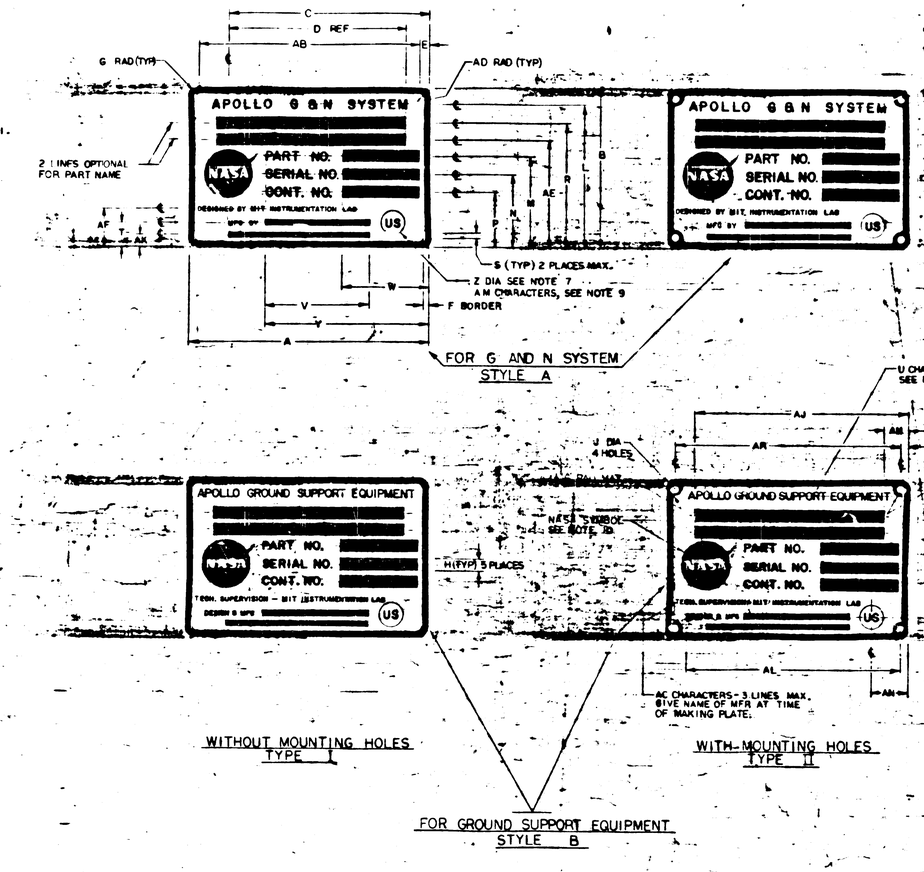
DRAWN R. G. Jones 7/16/65
CHECKED D. J. Lange 7-22-65
APPROVED
APPROVED Walter Pfaff 7/26/65
APPROVED MIT
APPROVED MSC
DATE

NAMEPLATES, APOLLO G&N—GSE (STANDARD)

CODE IDENT NO 80230 | SIZE E | DRAWING NO 1004260
SCALE NONE | SHEET 1 OF 5

NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED IN MIL-D-70327.
2. DIMENSIONS ON EACH VIEW APPLY TO ALL VIEWS. (WITH THE EXCEPTION OF MOUNTING HOLES).
3. FORMATS ILLUSTRATED WILL BE APPLICABLE TO ALL ITEMS REQUIRING NAMEPLATES BELOW END ITEM DESIGNATION (SYSTEMS, ASSEMBLIES, ETC.)
4. PLATE BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595, COLOR 37038. BORDER, MARKING AND LETTERING TO BE NATURAL METAL (ANODIZED ALUMINUM).
5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL P 19834.
6. LETTERING STYLE TO BE GOTHIC (SANS SERIFS), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN, CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER ND 1002019.
9. WHEN "AUTO MARK" METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC AND AM.
10. NASA SYMBOL IS TO BE PROPORTIONAL TO NAMEPLATE IN RATIO OF 1 TO 5 WITH DIMENSION A VALUE AND IS TO HAVE NATURAL BACKGROUND. NASA SYMBOL, LETTERS, LETTERING AND FEATHER TO BE BLACK (OR WHITE FOR SILK SCREENING). WHERE BLACK FEATHER PROTRUDES INTO BLACK BACKGROUND, A MINIMUM OUTLINE OF NATURAL BACKGROUND SHALL EXIST.
11. NAMEPLATES WILL BE APPLIED BY METHODS LISTED BELOW, SHOWN IN ORDER OF PREFERENCE, (I.E., FOR RELIABILITY AND WEIGHT).
    - A - STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT USING MK PER SCD 1009920 (WHITE OR BLACK).
    - B - ALUMINUM FOIL, (STYLE A OR B, TYPE I):
      FOIL SHALL BE .0030 ± .0005 THICK PER MIL-A-148.
      FOIL SHALL HAVE NO ADHESIVE BACKING.
      FOIL SHALL BE BONDED PER ND 002219, (METHOD II).
      FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    - C - PLATE, (STYLE A OR B, TYPE II):
      MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY, .032 THICK.
      ANODIZE PER MIL-A-8625, TYPE II.
      ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
12. NAMEPLATES SHALL BE CAPABLE OF MEETING APPLICABLE REQUIREMENTS OF MIL-M-13231.
13. ON DIMENSION TABLES SHOWN ON PAGES 2, 3, 4 AND 5, NA MEANS, "NOT APPLICABLE".



ZONE	REVISION	BY	APP'D	DATE
G	REPLACES REV F WITH CHANGE PER TDRR 20454			
H	REVISED PER TDRR 20892			
J	REVISED PER TDRR 20956			
K	REVISED PER TDRR 21379			
L	REVISED PER TDRR 21410			
M	REVISED PER TDRR 21998			
N	REVISED PER TDRR 22621			
P	REVISED PER TDRR 22671			
R	REVISED PER TDRR 22672			
S	REVISED PER TDRR 22750			
T	REVISED PER TDRR 22823			
U	REVISED PER TDRR 23072			
V	REVISED PER TDRR 23527			
W	REVISED PER TDRR 23824	RAJ		
Y	REVISED PER TDRR 24018	RAJ		
Z	REVISED PER TDRR 24040	RAJ		
AA	REVISED PER TDRR 24060	RAJ		
AB	REVISED PER TDRR 24868	RAJ		
AC	REVISED PER TDRR 24973	RAJ		
AD	REVISED PER TDRR 25065	RAJ		
AE	REVISED PER TDRR 25678	RAJ		
AF	REVISED PER TDRR 25671	RAJ		
AG	REVISED PER TDRR 26110	RAJ		
AH	REVISED PER TDRR 26172			
AJ	REVISED PER TDRR 26425			
AK	REVISED PER TDRR 26743			
AL	REVISED PER TDRR 26798			
AM	REVISED PER TDRR 27148			
AN	REVISED PER TDRR 27235			
AP	REVISED PER TDRR 27345			
AR	REVISED PER TDRR 27417			
AS	REVISED PER TDRR 27442			
AT	REVISED PER TDRR 27719			
AU	REVISED PER TDRR 27880			
AV	REVISED PER TDRR 27896			
AW	28110			
AY	26173			
AZ	28131			
BA	28124			
BB	REVISED PER TDRR 28511			
BC	" " " 28949			
BD	" " " 29222			
BE	" " " 28235			
BF	" " " 29322			
BG	" " " 29429			
BH	" " " 29448			
BJ	" " " 29135			
BK	" " " 29619			
BL	" " " 29636			
BM	REVISION STATUS CHANGED	JSB	MS	
BN	REVISION STATUS CHANGED	JJ		
BP	REVISION STATUS CHANGED	JJ		
BR	REVISION STATUS CHANGED	JJ		
BS	REVISION STATUS CHANGED	GW		
BT	REVISION STATUS CHANGED	GW		
BU	REVISION STATUS CHANGED	SH		
BV	REVISION STATUS CHANGED	JJB		
BW	REVISION STATUS CHANGED	JJB		
BY	REVISION STATUS CHANGED	JJB		
BZ	REVISION STATUS CHANGED	JJB		
CA	REVISION STATUS CHANGED	JJB		
CB	REVISION STATUS CHANGED	REF		
CC	REVISION STATUS CHANGED	AF		
CD	REVISION STATUS CHANGED	TRW		
CE	REVISION STATUS CHANGED	MRM		
CF	REVISION STATUS CHANGED	MRM		
CG	REVISION STATUS CHANGED	AR		
CH	REVISION STATUS CHANGED	[illegible]		

SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0547 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A
2.																																						

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION
			LIST OF MATERIALS

⑥ REPLACES REV F WITH CHANGE

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. CAPACITOR VALUES ARE IN μf. RESISTOR VALUES ARE IN OHMS. TOLERANCES ON FRACTIONS ± —, DECIMALS ± .005, ANGLES ± —. DO NOT SCALE THIS DRAWING.

AS APPLICABLE

NEXT ASSY | USED ON

APPLICATION

MATERIAL: SEE NOTE 11

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN [illegible] 7/16/65
CHECKED [illegible] 7-22-65
APPROVED [illegible] 7/16/65
APPROVED MIT [illegible] 7-26-65
APPROVED MSC [illegible] DATE

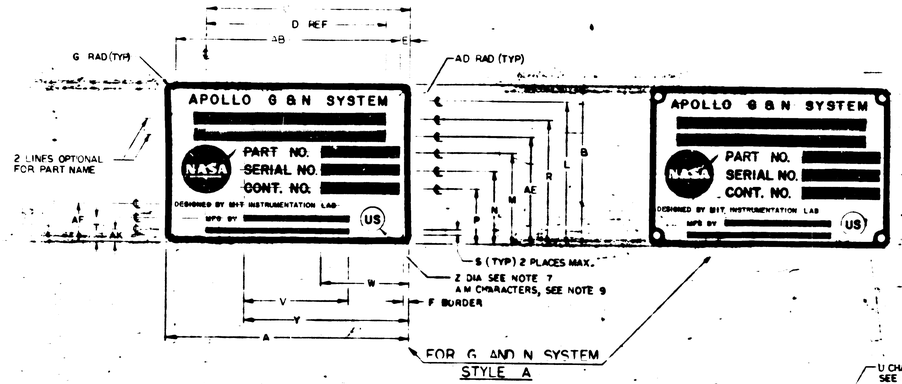
NAMEPLATES APOLLO G&N - SSE (STANDARD)

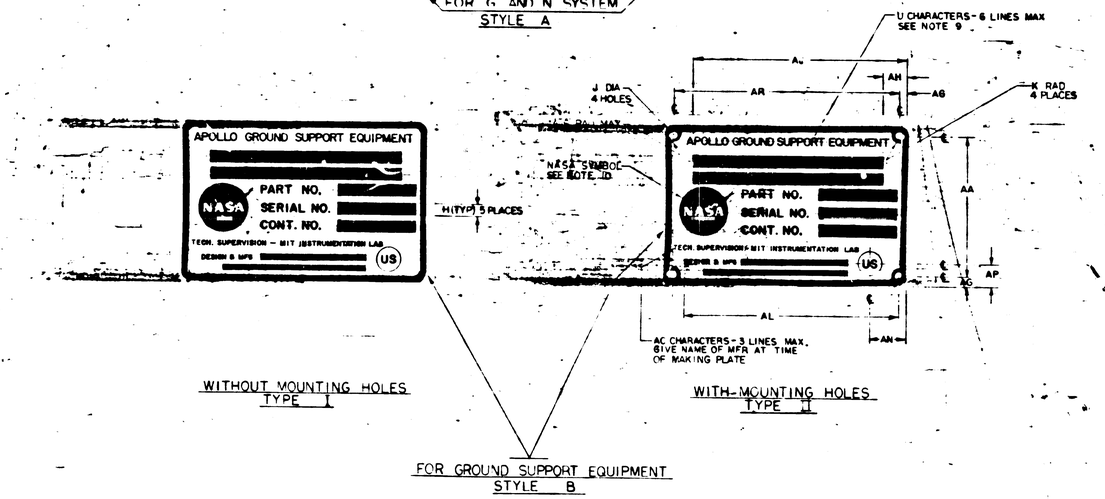
CODE IDENT NO. 80230 | SIZE E | 1004260

SCALE NONE | SHEET 1 OF 1

NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED IN MIL-D-70327.
2. DIMENSIONS ON EACH VIEW APPLY TO ALL VIEWS. (WITH THE EXCEPTION OF MOUNTING HOLES).
3. FORMATS ILLUSTRATED WILL BE APPLICABLE TO ALL ITEMS REQUIRING NAMEPLATES BELOW END ITEM DESIGNATION (SYSTEMS ASSEMBLIES, ETC.)
4. PLATE BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595, COLOR 37038. BORDER, MARKING AND LETTERING TO BE NATURAL METAL (ANODIZED ALUMINUM).
5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL P 19834.
6. LETTERING STYLE TO BE GOTHIC (SANS SERIFS), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN, CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER NASA/CQRC 9.
9. WHEN ALTO MARK (METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS W, AC AND AM.
10. NASA SYMBOL IS TO BE PROPORTIONAL TO NAMEPLATE IN RATIO OF 1 TO 5 AT DIMENSION A VALUE AND IS TO HAVE NATURAL BACKGROUND AROUND SYMBOL. LETTERING AND FEATHER TO BE BLACK (OR WHITE FOR SILK SCREENING). WHERE BLACK FEATHER PROTRUDES INTO BLACK BACKGROUND, A MINIMUM OUTLINE OF NATURAL BACKGROUND SHALL EXIST.
11. NAMEPLATES SHALL BE APPLIED BY METHODS LISTED BELOW, SHOWN IN ORDER OF PREFERENCE, (I.E., FOR RELIABILITY AND WEIGHT).
    - A: STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT USING INK PER SCD 10109204 (WHITE OR BLACK).
    - B: ALUMINUM FOIL, (STYLE A OR B, TYPE I): FOIL SHALL BE .003 ± .0005 THICK PER MIL-A-148. FOIL SHALL HAVE NO ADHESIVE BACKING. FOIL SHALL BE BONDED PER NO. 202219, (METHOD II). FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    - C: PLATE, (STYLE A OR B, TYPE II): MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY, .032 THICK. FINISH: PER MIL-A-8625, TYPE II. ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
12. NAMEPLATES SHALL BE CAPABLE OF MEETING APPLICABLE REQUIREMENTS OF MIL-M-13231.
13. ON DIMENSION TABLES SHOWN ON PAGES 2, 3, 4 AND 5, NA MEANS, "NOT APPLICABLE".





SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	1.000 A	.6563 A	.8438 A	.6875 A	.0391 A	.0240 A	.0391 A	.0469 A	.0547 A	.0469 A	.5938 A	.3750 A	.2969 A	.2187 A	.5079 A	.0313 A	.0938 A	.0391 A	.4375 A	.3594 A	.6875 A	.1094 A	.5781 A	.9219 A	.0240 A	.0156 A	.4375 A	.1525 A	.0391 A	.1563 A	.8438 A	.0548 A	.8659 A	.0391 A	.1563 A	.0938 A	.9219 A	.0151 A
2.	1.000	.6563	.8438	.6875	.0391	.0240	.0391	.0469	.0547	.0469	.5938	.3750	.2969	.2187	.5079	.0313	.0938	.0391	.4375	.3594	.6875	.1094	.5781	.9219	.0240	.0156	.4375	.1525	.0391	.1563	.8438	.0548	.8659	.0391	.1563	.0938	.9219	.0151

SYM	ZONE	DESCRIPTION	APP'D	CODE IDENT	DATE APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			
H		REVISED PER TDRR 20892			
J		REVISED PER TDRR 20904			
K		REVISED PER TDRR 21379			
L		REVISED PER TDRR 21410			
M		REVISED PER TDRR 21993			
N		REVISED PER TDRR 22621			
P		REVISED PER TDRR 22671			
R		REVISED PER TDRR 22672			
S		REVISED PER TDRR 22750			
T		REVISED PER TDRR 22823			
U		REVISED PER TDRR 23072			
V		REVISED PER TDRR 23521			
W		REVISED PER TDRR 23824	RAJ		
Y		REVISED PER TDRR 24018	RAJ		
Z		REVISED PER TDRR 24040	RAJ		
AA		REVISED PER TDRR 24060	RAJ		
AB		REVISED PER TDRR 24868	RAJ		
AC		REVISED PER TDRR 24973	RAJ		
AD		REVISED PER TDRR 25045	RAJ		
E		REVISED PER TDRR 25672	RAJ		
AF		REVISED PER TDRR 25671	RAJ		
AG		REVISED PER TDRR 26140	RAJ		
AH		REVISED PER TDRR 26379	"		
AJ		REVISED PER TDRR 26475	"		
AK		REVISED PER TDRR 26743	"		
AL		REVISED PER TDRR 26798	"		
AM		REVISED PER TDRR 27158	"		
AN		REVISED PER TDRR 27235	"		
AP		REVISED PER TDRR 27345	"		
AR		REVISED PER TDRR 27217	"		
AS		REVISED PER TDRR 27242	"		
AT		REVISED PER TDRR 27719	"		
AU		REVISED PER TDRR 27880	"		
AV		REVISED PER TDRR 27896	"		
AW		" " " 28110	"		
AY		" " " 28173	"		
AZ		" " " 28131	"		
BA		" " " 28124	"		
BB		REVISED PER TDRR 28511	"		
BC		" " " 28949	"		
BD		" " " 29222	"		
BE		" " " 29235	"		
BF		" " " 29322	"		
BG		" " " 29429	"		
BH		" " " 29468	"		
BJ		" " " 29335	"		
BK		" " " 225 9	"		
BL		" " " 25696	"		
BM		REVISION STATUS CHANGED	JSD		
BN		REVISION STATUS CHANGED	JJ		
BP		REVISION STATUS CHANGED	JJ		
BR		REVISION STATUS CHANGED	JJ		
BS		REVISION STATUS CHANGED	GW		
BT		REVISION STATUS CHANGED	GW		
BU		REVISION STATUS CHANGED	EH		
BV		REVISION STATUS CHANGED	JJ		
BW		REVISION STATUS CHANGED	JJB		
BY		REVISION STATUS CHANGED -	JJB		
BZ		REVISION STATUS CHANGED	-E		
CA		REVISION STATUS CHANGED -	JJB		
CB		REVISION STATUS CHANGED	REF		
CC		REVISION STATUS CHANGED	AF		
CD		REVISION STATUS CHANGED	JJB		
CE		REVISION STATUS CHANGED	JJB		
CF		REVISION STATUS CHANGED	JJB		
CG		REVISION STATUS CHANGED	AW		
CH		REVISION STATUS CHANGED	JJB		
CJ		REVISION STATUS CHANGED	JJB		
CK		REVISION STATUS CHANGED	DG		

ⓖ REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION
			LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ± .005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL: SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT - INSTRUMENTATION LAB, CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN		7/16/65
CHECKED		7-22-65
APPROVED		
APPROVED		
APPROVED MIT		
APPROVED MSC		

NAMEPLATES, APOLLO G&N-GSE (STANDARDS).

CODE IDENT NO 80230 | SIZE E | DRAWING NO 1004260

SCALE NONE | DATE | SHEET 1 OF

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DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11 B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA
309	K																																														
308	K																																														
307	K						B	I	NOTE 11 B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
306	K						B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
305	K						B	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
304	K						B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
303	K																																													
302	K																																													
301	K																																													
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11 B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

MASTER

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.	"		7-16-66	
H		REVISED PER TDRR 20892	"		8-26-66	
J		REVISED PER TDRR 20904	"		9-26-66	
K		REVISED PER TDRR 21379	"		10-6-66	
L		REVISED PER TDRR 21410	"		10-18-66	
M		REVISED PER TDRR 21993	"		10-28-66	
N		REVISED PER TDRR 22621	"		12-9-66	
P		REVISED PER TDRR 22671	"		12-19-66	
R		REVISED PER TDRR 22672	"		12-19-66	
S		REVISED PER TDRR 22750	"		1-6-67	
T		REVISED PER TDRR 22823	"		1-6-67	
U		REVISED PER TDRR 23072	"		1-30-67	
V		REVISED PER TDRR 23521	"		3-27-67	
W		REVISED PER TDRR 23824	RAJ		4-13-67	
Y		REVISED PER TDRR 24018	RAJ		11-6-68	
Z		REVISED PER TDRR 24040	RAJ		11-3-65	
AA		REVISED PER TDRR 24060	RAJ		11-19-65	
AB		REVISED PER TDRR 24868	RAJ		12-22-65	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-18-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-25-66	
AH		REVISED PER TDRR 26372	"		3-6-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26748	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-8-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	

02768

(G) REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

AS APPLICABLE	
NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ± — ANGLES ± —
±.005
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

QTY REQD | PART OR IDENTIFYING NO. | MATERIAL OR NOTES | NOMENCLATURE OR DESCRIPTION | FIND NO.
LIST OF MATERIALS

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN R. G. Jones 7-16-66
CHECKED [illegible] 7-22-66
APPROVED [illegible]
APPROVED [illegible]
APPROVED MIT [illegible]
APPROVED MSC [illegible]
DATE

NAMEPLATES, APOLLO G&N-GSE (STANDANDS)

CODE IDENT NO. 80230
SIZE E
DRAWING NO. 1004260
SCALE NONE
SHEET 2 OF 6

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SYM	REVISIONS INITIAL TDRR 02768 DESCRIPTION	DATE	APPROVAL
B	REPLACES REV. A PER TDRR 19287	4-7-65	WR

DASH NO.	P/C	PART NAME	PART NO.	SERIAL NO.	CONT NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF
9	K	2 IN AUTOCOLLIMATOR	1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593
8	K	5" IN AUTOCOLLIMATOR	1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593
7	K	2½ IN AUTOCOLLIMATOR (SCT)	1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593
6	K	2½ IN AUTOCOLLIMATOR (SXT)	1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593
5	K	RETROREFLECTING PRISM ASSEMBLY	1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593
4	K	S/H SIMULATOR ASSEMBLY	1019896			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593
3	K	REFERENCE MIRROR	1001767			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305
2	K	2 IN PLANE READING AUTOCOLLIMATOR	1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305
1	K	2 IN AUTOCOLLIMATOR	1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305

(B) REPLACES REV. A WITH CHANGES
THIS SHEET ADDED

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.
		LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± — DECIMALS ±.005 ANGLES ± —
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 11
HEAT TREATMENT
FINAL FINISH

NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS. DWG. NO. CONTRACT

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN R. G. Jones DATE 4/7/65
CHECKED [illegible] 4-7-65
APPROVAL E. Hansen by W. Kupfer
APPROVAL

NAMEPLATES,
APOLLO G&N/GSE
(STANDARDS)

NASA APPROVAL [illegible] 4-6-65
MIT APPROVAL W. Kupfer for Hanks

CODE IDENT NO. | SIZE D | NASA DRAWING NO. 1004260
SCALE NONE | WT | SHEET 2 OF 2

NOTICE – WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS, OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

SYM	DESCRIPTION	DATE	APPROVAL
	REVISIONS INITIAL TDRR 02768		
B	REPLACES REV. A PER TDRR 18067	6 MAY 65	WK
C	REVISED PER TDRR 19743 WK	2 JUN 65	WK
D	REVISED PER TDRR 19901 WK	9 JUN 65	WK
E	REVISED PER TDRR 19998 WK	16 JUN 65	WK

CASH NO.	P/C	PART NAME	PART NO.	SERIAL NO.	CONT NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF
499	MIT																																		
	MIT																																		
	MIT																																		
	MIT																																		
	MIT																																		
	MIT																																		
	MIT																																		
400	MIT																																		
399	K																																		
	K																																		
	K																																		
	K																																		
	K																																		
	K																																		
	K																																		
300	K																																		
299	R																																		
	R																																		
	R																																		
	R																																		
	R																																		
	R																																		
	R																																		
200	R																																		
199	AC																																		
	AC																																		
	AC																																		
	AC																																		
	AC																																		
	AC																																		
101	AC	NAVIGATION BASE ASSEMBLY – LEM	6899950		NAS 9-497	A	I	NOTE II B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305
100	AC	NAVIGATION BASE ASSEMBLY	2899982		NAS 9-497	A	I	NOTE II B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305
99																																			
22																																			
21																																			
20	R	NA	NA	NA	NA	A	II	NOTE II C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.106/.113	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305
19	R	NA	NA	NA	NA	A	I	NOTE II B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305
18	R	NA	NA	NA	NA	B	II	NOTE II C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	.106/.113	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500
17	R	NA	NA	NA	NA	B	I	NOTE II B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500
16	R	NA	NA	NA	NA	B	II	NOTE II C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.106/.113	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305
15	R	NA	NA	NA	NA	B	I	NOTE II B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305
14																																			
13																																			
12																																			
11																																			
10																																			
9	K	2 IN AUTOCOLLIMATOR	1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593
8	K	5" IN AUTOCOLLIMATOR	1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593
7	K	2½ IN AUTOCOLLIMATOR (SCT)	1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593
6	K	2½ IN AUTOCOLLIMATOR (SXT)	1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593
5	K	RETROREFLECTING PRISM ASSEMBLY	1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593
4	K	S/H SIMULATOR ASSEMBLY	1019836			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593
3	K	REFERENCE MIRROR	1001767			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305
2	K	2 IN PLANE READING AUTOCOLLIMATOR	1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305
1	K	2 IN AUTOCOLLIMATOR	1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES

(B) REPLACES REV. A WITH CHANGES THIS SHEET ADDED

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.
		LIST OF MATERIALS	

AS APPLICABLE | NEXT ASSY | USED ON | APPLICATION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS ± — DECIMALS ±.005 ANGLES ± —
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 11
HEAT TREATMENT
FINAL FINISH

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG NO. | CONTRACT
DRAWN R. G. Jones DATE 4/7/65
CHECKED Greg Thomas 4-7-65
APPROVAL E. E. Hansen by W. Kupfer
APPROVAL

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

NAMEPLATES, APOLLO G&N/GSE (STANDARDS)

NASA APPROVAL W. J. Rhea 4-12-65
MIT APPROVAL W. Kupfer

CODE IDENT NO. 80230 | SIZE D | NASA DRAWING NO. 1004260
SCALE NONE | WT | SHEET 2 OF 2

NOTICE — THIS GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED FURNISHED OR IN ANY WAY SUPPLIED THE SAID DRAWINGS SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE USE OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO

SYM	DESCRIPTION	DATE	APPROVAL
	REVISIONS INITIAL TDRR 1227-6		
B	REPLACES REV. A PER TDRR 18871		
C	REVISED PER TDRR 19743	2 JUN 65	
D	REVISED PER TDRR 19891		
E	REVISED PER TDRR 19998		
F	REPLACED WITH CHANGE BY REV G PER TDRR 20854		

DASH NO	P/C	PART NAME	PART NO.	SERIAL NO.	CONT NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF
401	MIT																																			
400	MIT																																			
399	K																																			
300	K																																			
299	R																																			
200	R																																			
199	AC																																			
101	AC	NAVIGATION BASE ASSEMBLY - LEM	2899950		NAS 9-197	A	I	NOTE II B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305
100	AC	NAVIGATION BASE ASSEMBLY	2899982		NAS 9-197	A	I	NOTE II B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305
99																																				
20	P	NA	NA	NA	NA	A	II	NOTE II C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.095/.093	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305
19	P	NA	NA	NA	NA	A	I	NOTE II B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305
18	P	NA	NA	NA	NA	B	II	NOTE II C	4.187	1.875	3.463	2.750	.156	.093	.156	.125	.195/.193	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500
17	P	NA	NA	NA	NA	B	I	NOTE II B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500
16	P	NA	NA	NA	NA	B	II	NOTE II C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.095/.093	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305
15	P	NA	NA	NA	NA	B	I	NOTE II B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305
14																																				
13																																				
12																																				
11																																				
10																																				
9	K	2 IN AUTOCOLLIMATOR	1001702			B	II	NOTE II C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593
8	K	5 IN AUTOCOLLIMATOR	1017410			B	II	NOTE II C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593
7	K	1½ IN AUTOCOLLIMATOR (SCT)	1017435			B	II	NOTE II C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593
6	K	2½ IN AUTOCOLLIMATOR (SXT)	1017448			B	II	NOTE II C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593
5	K	RETROREFLECTING PRISM ASSEMBLY	1019840			B	I	NOTE II B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593
4	K	S/H SIMULATOR ASSEMBLY	1019836			B	I	NOTE II B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593
3	K	REFERENCE MIRROR	1001767			B	I	NOTE II B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305
2	K	2 IN PLANE READING AUTOCOLLIMATOR	1017413			B	I	NOTE II B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305
1	K	.. IN AUTOCOLLIMATOR	1001702			B	I	NOTE II B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

SUPERSEDED

(F) REPLACED WITH CHANGE BY REV G.
(B) REPLACES REV. A WITH CHANGES THIS SHEET ADDED

1004260 F

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.
		LIST OF MATERIALS	

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON FRACTIONS ± — DECIMALS ±.005 ANGLES ± — DO NOT SCALE THIS DRAWING
		MATERIAL SEE NOTE 11
AS APPLICABLE		HEAT TREATMENT
NEXT ASSY	USED ON	FINAL FINISH
APPLICATION		

MIT INSTRUMENTATION LAB CAMBRIDGE MASS
DRAWN R. G. Jones DATE 4/4/65
CHECKED [illegible] DATE 4-4-65
APPROVAL [illegible] by W. Kupfer
APPROVAL
NASA APPROVAL [illegible]
MIT APPROVAL W. Kupfer

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

NAMEPLATES, APOLLO G&N/GSE (STANDARDS)

CODE IDENT NO	SIZE	NASA DRAWING NO.
80230	D	1004260

SCALE NONE WT SHEET 2 OF 2

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REVISIONS						
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			7/24/68	

02768

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
399	K																																													
398	K																																														
301	K																																													
300	K																																													
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11	C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11	C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11	C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11	C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11	B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11	B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11	B	2.500	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11	B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11	B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.063	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

(G) REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ± — ANGLES ± —
.005 ±
DO NOT SCALE THIS DRAWING

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN E.A. Jones 7-16-68
CHECKED R.J. Kemp 7-22-68
APPROVED
APPROVED W.W. Taylor 7/24/68
APPROVED MIT W.W. Taylor 7/24/68
APPROVED MSC
DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230
SIZE E
DRAWING NO. 1004260
SCALE NONE
SHEET 2 OF 5

1004260 G B

NOTICE - WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT INCURS NO RESPONSIBILITY WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS, OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY BE RELATED THERETO.

REVISIONS						
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES RE / F WITH CHANGE PER TDRR 20854.			7/22/66	WK
H		REVISED PER TDRR 20892			8/16/66	WK
J		REVISED PER TDRR 20904			8/26/66	WK

02768

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
399	K																																													
398	K																																													
309	K																																													
308	K																																													
307	K						B	I	NOTE 11 B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
306	K						B	II	NOTE 11 C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	↓	.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
305	K						B	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	↓	.718	1.375	.187	NA	NA	.048	.031	.875	.320													
304	K						B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320													
303	K																																													
302	K																																													
301	K																																													
300	K																																													
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

⑥ REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN R. H. Jones 7-16-66
CHECKED W. J. Kemper 7-22-66
APPROVED
APPROVED W. Kyffin 8/26/66
APPROVED MIT W. Kyffin 8/26/66
APPROVED MSC 8/26/66

NAMEPLATES,
APOLLO G&N-GSE
(STANDANDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 2 OF 5

1004260 J B

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SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20859.			7/22/65	WR
H		REVISED PER TDRR 20892			8/26/65	WR
J		REVISED PER TDRR 20904			9/28/65	WR
K		REVISED PER TDRR 21379			3/16/66	WR

02768

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
309	K																																														
308	K																																														
307	K						B	I	NOTE 11 B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
306	K						B	II	NOTE 11 C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	↑	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
305	K						B	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078		.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
304	K						B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
303	K																																														
302	K																																														
301	K																																														
300	K																																														
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
4	K	S/H S'MULATOR ASSEMBLY		1019896			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

⑥ REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± DECIMALS ± .005 ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	E.G. Evans	7-16-65
CHECKED	B.J. Lange	7-22-65
APPROVED		
APPROVED	W.H. Taylor	7/26/65
APPROVED MIT	W.H. Taylor	7/26/65
APPROVED MSC		DATE

NAMEPLATES, APOLLO G&N-GSE (STANDANDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260 | SCALE NONE | SHEET 2 OF 5

1004260 K

SYM	ZONE	REVISIONS	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			7/22/65	WJK
H		REVISED PER TDRR 20892			8/26/65	WJK
J		REVISED PER TDRR 20904			9/9/65	WJK
K		REVISED PER TDRR 21379			11/16/65	WJK
L		REVISED PER TDRR 21410			2-24-66	WJK

02768

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
399	K																																														
398	K																																														
309	K																																														
308	K																																														
307	K						B	I	NOTE 11 B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
306	K						B	II	NOTE 11 C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	↓	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
305	K						B	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	↓	.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
304	K						B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
303	K																																													
302	K																																													
301	K																																													
300	K																																													
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

© REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ± .005 ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN R.A. Jones 7-16-65
CHECKED R.J. Lange 7-22-65
APPROVED
APPROVED W.J. Kaplan 9/14/65
APPROVED MIT W.J. Kaplan 12/14/65
APPROVED MSC [illegible] 2/24/66
DATE

NAMEPLATES, APOLLO G&N-GSE (STANDANDS)

CODE IDENT NO. 80230
SIZE E
DRAWING NO. 1004260
SCALE NONE
SHEET 2 OF 5

1004260 B

NOTICE - WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS, OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE OR SELL ANY PATENTED INVENTION THAT MAY IN any WAY BE RELATED THERETO.

SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			7/22/66	
H		REVISED PER TDRR 20892			8/4/66	
J		REVISED PER TDRR 20904			8/18/66	
K		REVISED PER TDRR 21379			11/4/66	
L		REVISED PER TDRR 21410			11/28/66	
M		REVISED PER TDRR 21993			1/4/67	
N		REVISED PER TDRR 22621			4/7/67	
P		REVISED PER TDRR 22671			4/11/67	
R		REVISED PER TDRR 22672			4/11/67	
S		REVISED PER TDRR 22750			5/5/67	
T		REVISED PER TDRR 22823			6/5/67	

02768

D SH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
309	K																																													
308	K																																													
307	K						B	I	NOTE 11 B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.62	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
306	K						B	II	NOTE 11 C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	↑	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
305	K						B	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	↑	.718	1.375	.187	NA	NA	.048	.031	.875	.320	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
304	K						B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
303	K																																													
302	K																																													
301	K																																													
300	K																																													
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11 B	3.000	1.312	1.906	1.375	.078	.048	.078	.053	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

MASTER

© REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ±.005 ANGLES ± —
DO NOT SCALE THIS DRAWING

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN E.G. Lyons 7-16-66
CHECKED [illegible] 7-20-66
APPROVED [illegible]
APPROVED [illegible]
APPROVED MIT [illegible]
APPROVED NASA [illegible]

NAMEPLATES, APOLLO G&N-GSE (STANDANDS)

CODE IDENT NO. 80230
SIZE E
DRAWING NO. 1004260
SCALE NONE
SHEET 2 OF 5

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REVISIONS						02768
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			10/2/64	[illegible]
H		REVISED PER TDRR 20892			10/26/64	[illegible]
J		REVISED PER TDRR 20904			11/2/64	[illegible]
K		REVISED PER TDRR 21379			3/16/65	[illegible]
L		REVISED PER TDRR 21410			4/14/65	[illegible]
M		REVISED PER TDRR 21993			6/7/65	[illegible]
N		REVISED PER TDRR 22621			10/1/65	[illegible]
P		REVISED PER TDRR 22671			10/11/65	[illegible]
R		REVISED PER TDRR 22672			10/11/65	[illegible]
S		REVISED PER TDRR 22750			10/5/65	[illegible]
T		REVISED PER TDRR 22823			10/25/65	[illegible]
U		REVISED PER TDRR 23072			12-13-65	[illegible]
V		REVISED PER TDRR 23521			02-16-66	[illegible]

| | | | | | |

SYM	ZONE	REVISIONS DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.				
H		REVISED PER TDRR 20892				
J		REVISED PER TDRR 20904				
K		REVISED PER TDRR 21379				
L		REVISED PER TDRR 21410				
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072			10-31-65	
V		REVISED PER TDRR 23521			12-2-65	
W		REVISED PER TDRR 23834	RAJ		1-5-66	
Y		REVISED PER TDRR 24018	RAJ		11-6-66	
Z		REVISED PER TDRR 24040	RAJ		1-9-67	
AA		REVISED PER TDRR 24060	RAJ		11-9-66	

02768

SYM NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)						I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA
309	K																																														
308	K																																														
307	K						B	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
306	K						B	II	NOTE 11C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	↑	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
305	K						B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	↑	.718	1.375	.187	NA	NA	.048	.031	.875	.320	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
304	K						B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
303	K																																													
302	K																																													
301	K																																													
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.75	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

MASTER

⑥ REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

AS APPLICABLE

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ±— DECIMALS ±.005 ANGLES ±—
DO NOT SCALE THIS DRAWING

MATERIAL SEE NOTE 11

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN	C.G. Lyon	7-16-65
CHECKED	D.J. Lyon	7-22-65
APPROVED		
APPROVED	W.H. Hopkins	7/26/65
APPROVED MIT	W.H. Hopkins	7/26/65
APPROVED MSC		

DATE

NAMEPLATES, APOLLO G&N-GSE (STANDANDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | SHEET 2 OF 5

NOTICE - THIS DOCUMENT, DESIGNS, SPECIFICATIONS, OR OTHER DATA ARE CREATED FOR AND FURNISHED SUBJECT TO AN AGREEMENT WITH MASSACHUSETTS INSTITUTE OF TECHNOLOGY, INSTRUMENTATION LABORATORY, AND ARE RELEASED SUBJECT TO THE RESTRICTIONS IN THAT AGREEMENT. THEY ARE NOT TO BE USED, COPIED, LOANED OR DISCLOSED EXCEPT AS PROVIDED THEREIN. THEY ARE NOT TO BE REPRODUCED BY OTHERWISE OR DISCLOSED OR DELIVERED TO ANY PERSON OR ORGANIZATION NOT AUTHORIZED TO RECEIVE THEM UNDER THAT AGREEMENT OR WITH THE WRITTEN PERMISSION OF M.I.T. AND MUST BE RETURNED UPON REQUEST. THIS NOTICE AND LEGEND MUST NOT BE REMOVED OR DEFACED.

399	K
398	K

SYM	ZONE	REVISIONS DESCRIPTION	BR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			7-16-65	
H		REVISED PER TDRR 20892			8-6-65	
J		REVISED PER TDRR 20904			8-20-65	
K		REVISED PER TDRR 21379			9-24-65	
L		REVISED PER TDRR 21410			9-24-65	
M		REVISED PER TDRR 21993			10-15-65	
N		REVISED PER TDRR 22621			10-15-65	
P		REVISED PER TDRR 22671			10-15-65	
R		REVISED PER TDRR 22672			10-15-65	
S		REVISED PER TDRR 22750			10-15-65	
T		REVISED PER TDRR 22823			10-15-65	
U		REVISED PER TDRR 23072			10-15-65	
V		REVISED PER TDRR 23521			12-2-65	
W		REVISED PER TDRR 23824	RAJ		12-22-65	
Y		REVISED PER TDRR 24018	RAJ		11-6-65	
Z		REVISED PER TDRR 24040	RAJ		11-9-65	
ⓐ AA		REVISED PER TDRR 24060	RAJ		11-9-65	
AB		REVISED PER TDRR 24868	RAJ		12-22-65	

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
309	K																																													
308	K						B	I	NOTE 11 B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA						
307	K						B	II	NOTE 11 C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	↓	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	↓	↓	↓	↓	↓	↓	↓	↓						
306	K						B	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	↓	.718	1.375	.187	NA	NA	.048	.031	.875	.320														
305	K						B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA						
304	K																																													
303	K																																													
302	K																																													
301	K																																													
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11 B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
GEO. K		ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.033	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

ⓐ REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

AS APPLICABLE | NEXT ASSY | USED ON | APPLICATION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS DECIMALS ANGLES ± — ±.005 ± —
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 11

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN	E.A. Lowe	7-16-65
CHECKED	D.J. Lang	7-22-65
APPROVED	W.H. Martin	7-22-65
APPROVED	W.H. Martin	7-22-65
APPROVED MIT	W.H. Martin	7-22-65
APPROVED MSC	[illegible]	[illegible]

NAMEPLATES, APOLLO G&N-GSE (STANDANDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260

DATE | SCALE NONE | SHEET 2 OF 5

NOTICE - THIS DOCUMENT CONTAINS INFORMATION OF OTHER THAN GOVERNMENT ORIGIN WHICH IS DISCLOSED SUBJECT TO RESTRICTIONS AGREED TO BY RECIPIENT. THIS NOTICE APPLIES TO THE INFORMATION CONTAINED IN THIS DOCUMENT IN WHATEVER FORM IT MAY BE RECORDED, AND INCLUDES, BUT IS NOT LIMITED TO, THE RIGHT TO DISCLOSE OR REPRODUCE THE INFORMATION. BY ACCEPTANCE OF THIS DOCUMENT, THE RECIPIENT AGREES TO BE BOUND BY THE STATED RESTRICTIONS. IF THIS DOCUMENT IS NOT RETURNED UPON REQUEST, IT SHALL BE DESTROYED.

SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			7/22/65	
H		REVISED PER TDRR 20892			9/28/65	
J		REVISED PER TDRR 20904			9/28/65	
K		REVISED PER TDRR 21375			11/16/65	
L		REVISED PER TDRR 21410			12/3/65	
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072			10-13-66	
V		REVISED PER TDRR 23521			12-6-66	
W		REVISED PER TDRR 23824	RAJ			
Y		REVISED PER TDRR 24018	RAJ			
Z		REVISED PER TDRR 24040	RAJ			
AA		REVISED PER TDRR 24060	RAJ		11-19-66	
AB		REVISED PER TDRR 24868	RAJ		2-22-67	
AC		REVISED PER TDRR 24973	RAJ		4-6-67	

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
309	K																																														
308	K																																														
307	K						B	I	NOTE 11 B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
306	K						B	II	NOTE 11 C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	"	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	"	"	"	"	"	"	"	"	"	"	"	"	"	"
305	K						B	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	"	.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
304	K						B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
303	K																																													
302	K																																													
301	K																																													
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11 B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA

© REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

AS APPLICABLE — NEXT ASSY | USED ON — APPLICATION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS ± —— DECIMALS ± —— ANGLES ± ——
.005 ± ——
DO NOT SCALE THIS DRAWING

MATERIAL: SEE NOTE 11

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.	MANNED SPACECRAFT CENTER, HOUSTON, TEXAS	
DRAWN E. A. Jones	7-15-65	
CHECKED D. J. Lang	7-22-65	NAMEPLATES, APOLLO G&N-GSE (STANDARDS)
APPROVED		
APPROVED W. Hyatt	7/26/65	
APPROVED MIT W. Hyatt	7/26/65	CODE IDENT NO. 80230 — SIZE E — DRAWING NO. 1004260
APPROVED MSC	DATE	SCALE NONE — SHEET 2 OF 3

1004260 A

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REVISIONS						02768
SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			7-16-65	
H		REVISED PER TDRR 20892			8-26-65	
J		REVISED PER TDRR 20904			9-2-65	
K		REVISED PER TDRR 21379			10-6-65	
L		REVISED PER TDRR 21410			10-28-65	
M		REVISED PER TDRR 21993			12-10-65	
N		REVISED PER TDRR 22621			1-19-66	
P		REVISED PER TDRR 22671			1-19-66	
R		REVISED PER TDRR 22672			1-19-66	
S		REVISED PER TDRR 22750			1-19-66	
T		REVISED PER TDRR 22823			1-19-66	
U		REVISED PER TDRR 23072			10-3-66	
V		REVISED PER TDRR 23521			10-27-66	
W		REVISED PER TDRR 23824	RAJ		11-9-66	
Y		REVISED PER TDRR 24018	RAJ		11-9-66	
Z		REVISED PER TDRR 24040	RAJ		11-19-66	
(B) AA		REVISED PER TDRR 24060	RAJ		11-19-66	
(C) AB		REVISED PER TDRR 24868	RAJ		12-22-66	
(D) AC		REVISED PER TDRR 24973	RAJ		1-4-66	
(E) AD		REVISED PER TDRR 25065	RAJ		1-18-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA
309	K																																														
308	K																																														
307	K						B	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
306	K						B	II	NOTE 11C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	↓	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
305	K						B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	↓	.718	1.375	.187	NA	NA	.048	.031	.875	.320	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
304	K						B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
303	K																																													
302	K																																													
301	K																																													
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

© REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

MASTER

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APPLICATION

UNLESS OTHERWISE SPECIFIED
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DO NOT SCALE THIS DRAWING
MATERIAL
SEE NOTE 11

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS				

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN E.G. Lowe 7-16-65
CHECKED R.S. Lange 7-22-65
APPROVED
APPROVED W.W. Wyatt 7/26/65
APPROVED MIT W.W. Wyatt 7/26/65
APPROVED MSC
DATE

NAMEPLATES, APOLLO G&N-GSE (STANDANDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 2 OF 5

1004260 A1

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DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
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350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.638	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA
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306	K						B	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
305	K						B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11 B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.050	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

MASTER

REVISIONS						
DWG	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			7-16-65	
H		REVISED PER TDRR 20892			8-16-65	
J		REVISED PER TDRR 20904			8-26-65	
K		REVISED PER TDRR 21379			10-6-65	
L		REVISED PER TDRR 21410			10-26-65	
M		REVISED PER TDRR 21993			12-3-65	
N		REVISED PER TDRR 22621			1-7-66	
P		REVISED PER TDRR 22671			1-19-66	
R		REVISED PER TDRR 22672			1-19-66	
S		REVISED PER TDRR 22750			1-21-66	
T		REVISED PER TDRR 22823			1-31-66	
U		REVISED PER TDRR 23072			2-28-66	
V		REVISED PER TDRR 23521			3-29-66	
W		REVISED PER TDRR 23844	RAJ		4-5-66	
Y	*	REVISED PER TDRR 24018	RAJ		4-29-66	
Z	*	REVISED PER TDRR 24040	RAJ		5-5-66	
AA		REVISED PER TDRR 24060	RAJ		5-19-66	
AB		REVISED PER TDRR 24868	RAJ		8-22-66	
AC		REVISED PER TDRR 24973	RAJ		9-14-66	
AD	*	REVISED PER TDRR 25065	RAJ		9-28-66	
AE		REVISED PER TDRR 25572	RAJ		12-6-66	
AF		REVISED PER TDRR 25671	RAJ		12-6-66	
AG	*	REVISED PER TDRR 26110	RAJ		2-15-66	

© REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± —
DECIMALS ±.005
ANGLES ± —
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 11
AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN E.G. Lowe 7-16-65
CHECKED D.J. Lampert 7-28-65
APPROVED
APPROVED W.W. Hoffer 8/4/65
APPROVED MIT W.W. Hoffer 8/4/65
APPROVED MSC
DATE

NAMEPLATES, APOLLO G&N-GSE (STANDANDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | SHEET 2 OF 5

NOTICE - THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE LAWS, TITLE 18, U.S.C. SECTIONS 793 AND 794. THE TRANSMISSION OR REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. INFORMATION CLASSIFIED AS CONFIDENTIAL OR SECRET SHALL BE SAFEGUARDED AS PRESCRIBED BY THE NATIONAL INDUSTRIAL SECURITY MANUAL FOR SAFEGUARDING CLASSIFIED INFORMATION.

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NOTICE - THIS DOCUMENT CONTAINS INFORMATION AS WHICH AFFECTS THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE LAWS, TITLE 18, U.S.C. SECTIONS 793 AND 794. THE TRANSMISSION OR REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. INFORMATION SUBJECT TO EXPORT CONTROL LAWS - THIS DOCUMENT CONTAINS INFORMATION WHOSE EXPORT IS RESTRICTED BY THE EXPORT CONTROL ACT OF 1949 AS AMENDED, TITLE 50, U.S.C., APP. 2401 ET SEQ. VIOLATIONS OF THESE EXPORT LAWS ARE SUBJECT TO SEVERE CRIMINAL PENALTIES. DISSEMINATE IN ACCORDANCE WITH PROVISIONS OF DOD DIR 5230.25 AND NASA REG 5-31-1

ZONE	
3 DC	K
3 DB	K

REVISIONS						03768
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.	"		7/21/65	WK
H		REVISED PER TDRR 20892	"		8/26/65	WK
J		REVISED PER TDRR 20904	"		9/28/65	WK
K		REVISED PER TDRR 21379	"		10/6/65	WK
L		REVISED PER TDRR 21410	"		10/26/65	WK
M		REVISED PER TDRR 21993	"			
N		REVISED PER TDRR 22621	"			
P		REVISED PER TDRR 22671	"			
R		REVISED PER TDRR 22 [illegible]	"			
S		REVISED PER TDRR 22750	"			
T		REVISED PER TDRR 22823	"			
U		REVISED PER TDRR 23072	"		10-3365	
V		REVISED PER TDRR 23521	"		02765	WK
W		REVISED PER TDRR 23824	RA		11-29-65	WK
Y		REVISED PER TDRR 24018	RAJ		11-6-65	WK
Z		REVISED PER TDRR 24040	RAJ		11-9-65	WK
⑭ AA		REVISED PER TDRR 24060	RAJ		11-19-65	WK
⑮ AB		REVISED PER TDRR 24868	RAJ		12-22-65	WK
⑯ AC		REVISED PER TDRR 24973	RAJ		1-4-66	WK
⑰ AD		REVISED PER TDRR 25065	RAJ		1-18-66	WK
AE		REVISED PER TDRR 25672	RAJ		2-4-66	WK
⑱ AF		REVISED PER TDRR 25671	RAJ		2-4-66	WK
AG		REVISED PER TDRR 26110	RAJ		2-15-66	WK
AH		REVISED PER TDRR 26372	"		3-1-66	WK
AJ		REVISED PER TDRR 26425	"		3-16-66	WK
AK		REVISED PER TDRR 26743	"		3-16-66	WK
⑲ AL		REVISED PER TDRR 26798	"		3-16-66	WK
AM		REVISED PER TDRR 27168	"		4-8-66	WK
AN		REVISED PER TDRR 27235	"		4-8-66	WK
AP		REVISED PER TDRR 27345	"		4-8-66	WK
AR		REVISED PER TDRR 27417	"		4-8-66	WK
⑳ AS		REVISED PER TDRR 27442	"		4-8-66	WK
AT		REVISED PER TDRR 27719	"		4-21-66	WK
AU		REVISED PER TDRR 27880	"		4-21-66	WK
AV		REVISED PER TDRR 27896	"		4-21-66	WK

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AR	AP	AR
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.053	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA
309	K						B	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
308	K						B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	↑	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
307	K						B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.097	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	↑	.718	1.375	.187	NA	NA	.048	.031	.875	.320	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
306	K						B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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302	K																																														
301	K																																														
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
4	<	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
1	<	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

⑥ REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

AS APPLICABLE

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ± .005 ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.	MANNED SPACECRAFT CENTER HOUSTON, TEXAS
DRAWN E.G. Lowe 7-16-65	NAMEPLATES, APOLLO G&N-GSE (STANDANDS)
CHECKED B.J. Lapp 7-22-65	
APPROVED	
APPROVED W.H. Wrigley 7-27-65	
APPROVED MIT W.H. Wrigley 7-27-65	CODE IDENT NO. 80230
APPROVED MSC [illegible] 7-27-65	SIZE E
DATE	DRAWING NO. 1004260
SCALE NONE	SHEET 2 OF 6

1004260 AV

NOTICE - THIS INFORMATION DISCLOSURE, SPECIFICALLY OR OTHERWISE, IS MADE PURSUANT TO CONTRACT NAS9-150 WITH THE UNITED STATES GOVERNMENT AND IS SUBJECT TO THE PROVISIONS OF THE ARMED EXPORT CONTROL ACT, AS AMENDED, TITLE 22, U.S.C., SEC. 2751 ET SEQ. OR THE EXPORT ADMINISTRATION ACT OF 1969, AS AMENDED, TITLE 50, U.S.C., APP. 2401 ET SEQ., AS AMENDED. VIOLATIONS OF THESE EXPORT LAWS ARE SUBJECT TO SEVERE CRIMINAL PENALTIES. DISSEMINATE IN ACCORDANCE WITH PROVISIONS OF DOD DIRECTIVE 5230.25 AND NASA REGULATION 5-2.

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
399	K																																														
398	K																																															
397	K																																														
396	K																																															
395	K																																														
394	K																																															
393	K																																														
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388	K																																															
387	K																																														
386	K																																															
385	K																																														
384	K																																															
383	K																																														
382	K																																															
381	K																																														
380	K	ALIGNMENT OPTICAL TELESCOPE (LEM)			NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA
309	K																																															
308	K																																															
307	K						B	I	NOTE 11 B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
306	K						B	II	NOTE 11 C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	↑	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
305	K						B	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	↓	.718	1.375	.187	NA	NA	.048	.031	.875	.320													
304	K						B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
303	K																																														
302	K																																															
301	K																																															
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11 B	2.000	1.312	.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA	NA
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

MASTER

REVISIONS						
SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.	"		7-16-65	WK
H		REVISED PER TDRR 20892	"		8-16-65	WK
J		REVISED PER TDRR 20904	"		8-16-65	WK
K		REVISED PER TDRR 21379	"		9-16-65	WK
L		REVISED PER TDRR 21410	"		10-14-65	WK
M		REVISED PER TDRR 21993	"		10-14-65	
N		REVISED PER TDRR 22621	"		12-16-65	
P		REVISED PER TDRR 22671	"		1-10-66	
R		REVISED PER TDRR 22672	"		1-10-66	
S		REVISED PER TDRR 22750	"		1-10-66	
T		REVISED PER TDRR 22823	"		1-19-66	WK
U		REVISED PER TDRR 23072	"		10-14-65	WK
V		REVISED PER TDRR 23521	"		10-27-65	WK
W		REVISED PER TDRR 23624	RAJ		11-9-65	WK
Y		REVISED PER TDRR 24018	RAJ		11-16-65	WK
Z		REVISED PER TDRR 24040	RAJ		11-19-65	WK
(5) AA		REVISED PER TDRR 24060	RAJ		11-19-65	WK
(6) AB		REVISED PER TDRR 24868	RAJ		12-22-65	WK
(7) AC		REVISED PER TDRR 24973	RAJ		1-4-66	WK
(8) AD		REVISED PER TDRR 25065	RAJ		1-18-66	WK
AE		REVISED PER TDRR 25672	RAJ		2-4-66	WK
(9) AF		REVISED PER TDRR 25671	RAJ		2-4-66	WK
AG		REVISED PER TDRR 26110	RAJ		2-15-66	WK
AH		REVISED PER TDRR 26372	"		3-16-66	WK
AJ		REVISED PER TDRR 26425	"		3-16-66	WK
AK		REVISED PER TDRR 26743	"		3-16-66	WK
(10) AL		REVISED PER TDRR 26798	"		3-16-66	WK
AM		REVISED PER TDRR 27168	"		4-8-66	WK
AN		REVISED PER TDRR 27235	"		4-8-66	WK
AP		REVISED PER TDRR 27345	"		4-8-66	WK
AR		REVISED PER TDRR 27417	"		4-6-66	WK
(11) AS		REVISED PER TDRR 27442	"		4-8-66	WK
AT		REVISED PER TDRR 27719	"		4-21-66	WK
(12) AU		REVISED PER TDRR 27880	"		4-21-66	WK
AV		REVISED PER TDRR 27896	"		4-21-66	WK
AW		28110	"		5-16-66	WK
AY		28173	"		↑	WK
AZ		28131	"		↑	WK
BA		28124	"		↑	WK
BB		REVISED PER TDRR 28511	"		5-16-66	WK

(6) REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIG. NO.
LIST OF MATERIALS				

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± .005 DECIMALS ± .005 ANGLES ± —
DO NOT SCALE THIS DRAWING

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN E.G. Jones 7-16-65
CHECKED R.J. Cooper 7-22-65
APPROVED
APPROVED Wilhelm 7-26-65

NAMEPLATES, APOLLO G&N-GSE (STANDANDS)

APPROVED MIT Wilhelm 7-26-65
APPROVED MSC
DATE

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 2 OF 6

1004260 E

ZONE	DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
	399	K																																															
	398	K																																																
	350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA			
	309	K																																															
	308	K																																															
	307	K						B	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA							
	306	K						B	II	NOTE 11C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	↑	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	↑	↑	↑	↑	↑	↑	↑	↑	↑							
	305	K						B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	↓	.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA								
	304	K						B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA								
	303	K																																														
	302	K																																														
	301	K																																														
	300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA	
	9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687						
	8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687						
	7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687						
	6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687						
	5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA						
	4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA						
	3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA						
	2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA						
	1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA						

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

ZONE	SYM	DESCRIPTION	BY	CHK	DATE	APPROVED
	G	REPLACES REV F WITH CHANGE PER TDRR 20854.	RJ		7-16-65	
	H	REVISED PER TDRR 20892	RJ		8-16-65	
	J	REVISED PER TDRR 20904	RJ		8-26-65	
	K	REVISED PER TDRR 21379	RJ		10-6-65	
	L	REVISED PER TDRR 21410	RJ		10-18-65	
	M	REVISED PER TDRR 21993	"		10/	
	N	REVISED PER TDRR 22621	"		10/	
	P	REVISED PER TDRR 22671	"		11/	
	R	REVISED PER TDRR 22672	"		11/	
	S	REVISED PER TDRR 22750	"		11/	
	T	REVISED PER TDRR 22823	"		11/	
	U	REVISED PER TDRR 23072	"		10-29-65	
	V	REVISED PER TDRR 23521	"		10-27-65	
	W	REVISED PER TDRR 23834	RAJ		11-9-65	
	Y	REVISED PER TDRR 24018	RAJ		11-16-65	
	Z	REVISED PER TDRR 24040	RAJ		11-19-65	
⑫	AA	REVISED PER TDRR 24060	RAJ		11-19-65	
⑭	AB	REVISED PER TDRR 24868	RAJ		12-22-65	
⑮	AC	REVISED PER TDRR 24973	RAJ		1-4-66	
⑯	AD	REVISED PER TDRR 25065	RAJ		1-18-66	
	AE	REVISED PER TDRR 25672	RAJ		2-4-66	
⑰	AF	REVISED PER TDRR 25671	RAJ		2-4-66	
	AG	REVISED PER TDRR 26110	RAJ		2-15-66	
	AH	REVISED PER TDRR 26372	"		3-16-66	
	AJ	REVISED PER TDRR 26425	"		3-16-66	
	AK	REVISED PER TDRR 26743	"		3-16-66	
⑱	AL	REVISED PER TDRR 26798	"		3-16-66	
	AN	REVISED PER TDRR 27235	"		4-8-66	
	AP	REVISED PER TDRR 27345	"		4-8-66	
	AR	REVISED PER TDRR 27417	"		4-8-66	
⑲	AS	REVISED PER TDRR 27442	"		4-8-66	
⑳	AT	REVISED PER TDRR 27719	"		4-21-66	
㉑	AU	REVISED PER TDRR 27880	"		4-21-66	
㉒	AV	REVISED PER TDRR 27896	"		4-21-66	
	AW	28110	"		5-16-66	
	AY	28173	"			
	AZ	28131	"			
	BA	28.24	"			
	BB	REVISED PER TDRR 28511	"		5-16-66	
	BC	" " " 28949	"		5-24-66	

⑱ REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± —— ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MASTER

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN E.A. Jones 7-16-65
CHECKED R.J. Lange 7-22-65
APPROVED
APPROVED W.H. Hopkins 7/26/65
APPROVED MIT W.H. Hopkins 7/26/65
APPROVED MSC
DATE

NAMEPLATES, APOLLO G&N-GSE (STANDANDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 2 OF 6

1004260 bd

NOTICE - THIS DOCUMENT CONTAINS INFORMATION OF A PROPRIETARY NATURE AND IS LOANED SUBJECT TO THE AGREEMENT THAT IT WILL NOT BE REPRODUCED IN WHOLE OR IN PART NOR USED AS A BASIS FOR MANUFACTURE OR SALE OF ITEMS WITHOUT PERMISSION. IN THE EVENT THAT PERMISSION IS NOT FURNISHED, THE DOCUMENT SHALL BE RETURNED UPON REQUEST AND ALL TANGIBLE INFORMATION GAINED BY THE RECIPIENT FROM THIS DOCUMENT SHALL REMAIN FREE FROM ANY OBLIGATION OF CONFIDENCE. THE RECIPIENT BY ACCEPTANCE OF THIS DOCUMENT AGREES TO THE ABOVE CONDITIONS.

SYM	SONS	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.	"		7-16-65	
H		REVISED PER TDRR 20892	"		8-26-65	
J		REVISED PER TDRR 20904	"		9-7-65	
K		REVISED PER TDRR 21379	"		10-6-65	
L		REVISED PER TDRR 21410	"		10-14-65	
M		REVISED PER TDRR 21993	"		10-27-65	
N		REVISED PER TDRR 22621	"		11-9-65	
P		REVISED PER TDRR 22671	"		11-9-65	
R		REVISED PER TDRR 22672	"		11-9-65	
S		REVISED PER TDRR 22750	"		11-16-65	
T		REVISED PER TDRR 22823	"		11-19-65	
U		REVISED PER TDRR 23072	"		12-13-65	
V		REVISED PER TDRR 23521	"		1-27-66	
W		REVISED PER TDRR 23624	RAJ		11-9-65	
Y		REVISED PER TDRR 24018	RAJ		11-16-65	
Z		REVISED PER TDRR 24040	RAJ		11-19-65	
AA		REVISED PER TDRR 24060	RAJ		11-19-65	
AB		REVISED PER TDRR 24868	RAJ		12-22-65	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-18-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-15-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26738	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-8-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-21-66	
AU		REVISED PER TDRR 27880	"		4-21-66	
AV		REVISED PER TDRR 27896	"		4-21-66	
AW		" " " 28110	"		5-10-66	
AY		" " " 28173	"		"	
AZ		" " " 28131	"		"	
BA		" " " 28124	"		"	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11	B 4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
309	K																																														
308	K																																														
307	K						B	I	NOTE 11	B 4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
306	K						B	II	NOTE 11	C 4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	↑	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
305	K						B	I	NOTE 11	B 2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
304	K						B	II	NOTE 11	C 2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
303	K																																													
302	K																																													
301	K																																													
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11	B 2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11	C 4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11	C 4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11	C 4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11	C 4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11	B 4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11	B 4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11	B 2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11	B 2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11	B 2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

MASTER

© REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS				

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS ±—— DECIMALS ±.005 ANGLES ±——
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 11
AS APPLICABLE NEXT ASSY USED ON APPLICATION

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN E. G. Jones 7-16-65
CHECKED E. D. Lange 7-22-65
APPROVED
APPROVED W. Hayden 7-26-65
APPROVED MIT W. Hayden 7-26-65
APPROVED MSC Frank L. Hale 7-26-65 DATE

NAMEPLATES, APOLLO G&N-GSE (STANDANDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 2 OF 6

1004260 EE

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
309	K																																														
308	K																																															
307	K						B	I	NOTE 11 B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
306	K						B	II	NOTE 11 C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	↑	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
305	K						B	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	↓	.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
304	K						B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
303	K																																														
302	K																																														
301	K																																														
310	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11 B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)					A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.053	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA
349	K																																													
348	K																																													

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

MASTER

KOLLSMAN DASH NUMBERS

SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.	"		7-16-65	
H		REVISED PER TDRR 20892	"		8-26-65	
J		REVISED PER TDRR 20904	"		9-7-65	
K		REVISED PER TDRR 21379	"		10-6-65	
L		REVISED PER TDRR 21410	"		10-14-65	
M		REVISED PER TDRR 21993	"			
N		REVISED PER TDRR 22621	"			
P		REVISED PER TDRR 22671	"			
R		REVISED PER TDRR 22672	"			
S		REVISED PER TDRR 22750	"			
T		REVISED PER TDRR 22823	"			
U		REVISED PER TDRR 23072	"		10-27-66	
V		REVISED PER TDRR 23521	"		10-27-66	
W		REVISED PER TDRR 23824	RAJ		11-9-66	
Y		REVISED PER TDRR 24018	RAJ		11-16-66	
Z		REVISED PER TDRR 24040	RAJ		11-19-66	
AA		REVISED PER TDRR 24060	RAJ		11-19-66	
AB		REVISED PER TDRR 24868	RAJ		12-22-66	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-18-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-15-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
A'		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-8-66	
AN		REVISED PER TDRR 27235	"		4-5-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-21-66	
AU		REVISED PER TDRR 27880	"		4-21-66	
AV		REVISED PER TDRR 27896	"		4-21-66	
AW		28110	"		5-16-66	
AY		28173	"		"	
AZ		28131	"		"	
BA		28124	"		"	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29322	"		6-30-66	
BG		" " " 29423	"			
BH		" " " 29449	"		"	
BJ		" " " 29535	"		"	
BK		" " " 29619	"		"	
BL		" " " 29636	"		"	

(G) REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± —— ±.005 ± ——
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN R.G. Jones 7-16-65
CHECKED D.J. Rapp 7-22-65
APPROVED W.W. Taylor 7/26/65
APPROVED W.W. Taylor 7/26/65
APPROVED MIT
APPROVED MSC

NAMEPLATES, APOLLO G&N-GSE (STANDANDS)

CODE IDENT NO 80230
SIZE E
DRAWING NO. 1004260
SCALE NONE
DATE
SHEET 2 OF 6

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
399	K																																														
398	K																																														
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)					A	I	NOTE 11 B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.32	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA					
							B	I	NOTE 11 B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	NA	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
							B	II	NOTE 11 C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687					
							B	I	NOTE 11 B	2.000	1.312	1.687	.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
							B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
309	K																																														
308	K																																														
307	K																																														
306	K																																														
305	K																																														
304	K																																														
303	K																																														
302	K																																														
301	K																																														
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11 B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.216	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA			
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.56	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687					
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.56	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687					
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687					
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687					
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687					
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA					
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA					
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA					
1	K	2 IN AJTOCOLLIMATOR		1001702			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA					

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.	"		7-14-65	
H		REVISED PER TDRR 20892	"		8-25-65	
J		REVISED PER TDRR 20904	"		8-25-65	
K		REVISED PER TDRR 21379	"		10-6-65	
L		REVISED PER TDRR 21410	"		10-13-65	
M		REVISED PER TDRR 21993	"		10-27-65	
N		REVISED PER TDRR 22621	"		11-17-65	
P		REVISED PER TDRR 22671	"		11-17-65	
R		REVISED PER TDRR 22672	"		11-17-65	
S		REVISED PER TDRR 22750	"		11-17-65	
T		REVISED PER TDRR 22823	"		11-17-65	
U		REVISED PER TDRR 23072	"		12-1-65	
V		REVISED PER TDRR 23521	"		12-27-65	
W		REVISED PER TDRR 23804	RAJ		11-5-65	
Y		REVISED PER TDRR 24018	RAJ		11-16-65	
Z		REVISED PER TDRR 24040	RAJ		11-19-65	
AA		REVISED PER TDRR 24060	RAJ		11-19-65	
AB		REVISED PER TDRR 24868	RAJ		12-22-65	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065 →	RAJ		1-18-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 2611?	RAJ		2-15-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27188	"		4-8-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-21-66	
AU		REVISED PER TDRR 27980	"		4-21-66	
AV		REVISED PER TDRR 27896	"		4-21-66	
AW		28110	"		5-16-66	
AY		28173	"		"	
AZ		28131	"		"	
BA		28124	"		"	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29322	"		6-30-66	
BG		" " " 29423	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		"	
BL		" " " 29496	"		"	
BM		REVISION STATUS CHANGED	JSD	N.S.	7-29-66	

G REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
		LIST OF MATERIALS		

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± ±.005 ±
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE MASS

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN R.J. Jones 7-16-65
CHECKED D.J. Rupp 7-22-65
APPROVED W.H. Taylor 7-26-65
APPROVED MIT W.H. Taylor 7-26-65
APPROVED MSC [illegible] [illegible]
DATE

NAMEPLATES, APOLLO G&N-GSE (STANDANDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 2 OF 6

1004260 REV G

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
399	K																																																
398	K																																																	
350	K	ALIGNMENT OPTICAL TELESCOPE (CEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA			
309	K						B	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA							
308	K																																																
307	K						B	I	NOTE 11B	2.000	1.312	1.687	.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	↓	.718	1.375	.187	NA	NA	.048	.031	.875	.320																
306	K						B	II	NOTE 11C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	↓	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593																		
305	K						B	I	NOTE 11B	2.000	1.312	1.687	.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	↓	.718	1.375	.187	NA	NA	.048	.031	.875	.320																
304	K						B	II	NOTE 11C	2.000	1.312	1.687	.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA							
303	K																																																
302	K																																																
301	K																																																
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	2.18	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA			
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.56	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687						
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687						
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687						
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687						
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA						
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA						
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11B	3.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA						
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA						
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA						

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.	"		7/14/65	
H		REVISED PER TDRR 20892	"		6/8/65	
J		REVISED PER TDRR 20904	"		6/8/65	
K		REVISED PER TDRR 21379	"		8/16/65	
L		REVISED PER TDRR 21410	"		9/15/65	
M		REVISED PER TDRR 21993	"		10/1/65	
N		REVISED PER TDRR 22621	"		11/1/65	
P		REVISED PER TDRR 22671	"		11/1/65	
R		REVISED PER TDRR 22672	"		11/1/65	
S		REVISED PER TDRR 22750	"		11/1/65	
T		REVISED PER TDRR 22823	"		11/9/65	
U		REVISED PER TDRR 23072	"		10-31-65	
V		REVISED PER TDRR 23521	"		12-27-65	
W		REVISED PER TDRR 23824	RAJ		11-9-65	
Y		REVISED PER TDRR 24018	RAJ		11-16-65	
Z		REVISED PER TDRR 24040	RAJ		11-19-65	
AA		REVISED PER TDRR 24060	RAJ		11-19-65	
AB		REVISED PER TDRR 24868	RAJ		12-22-65	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-18-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-11-66	
AH		REVISED PER TDRR 26372	"		3-4-66	
AJ		REVISED PER TDRR 26425	"		3-4-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-8-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-15-66	
AT		REVISED PER TDRR 27719	"		4-21-66	
AU		REVISED PER TDRR 27780	"		4-21-66	
AV		REVISED PER TDRR 27896	"		4-21-66	
AW		28110	"		5-16-66	
AY		28173	"		"	
AZ		28131	"		"	
BA		28124	"		"	
BB		REVISED PER TDRR 28111	"		5-16-66	
BC		" " " 28949	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29322	"		6-30-66	
BG		" " " 29423	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		"	
BL		" " " 29636	"		"	
BM		REVISION STATUS CHANGED	JSD	N.S.	7-29-66	
BAJ		REVISION STATUS CHANGED	JJ	RAW	8-22-66	

⑥ REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

QTY. REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES · CAPACITOR VALUES ARE IN μf RESISTOR VALUES ARE IN OHMS TOLERANCES ON FRACTIONS DECIMALS ANGLES ± ±.005 ± DO NOT SCALE THIS DRAWING

MATERIAL SEE NOTE 11

AS APPLICABLE

NEXT ASSY	USED ON
APPLICATION	

MIT INSTRUMENTATION LAB, CAMBRIDGE MASS

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN R.A. Jones 7-16-65
CHECKED [illegible] 7-22-65
APPROVED
APPROVED [illegible] 7-26-65
APPROVED MIT [illegible] 7-26-65
APPROVED MSC [illegible] 7-26-65

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260 | REV

DATE | SCALE NONE | SHEET 2 OF 6

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
399	K																																														
398	K																																															
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.053	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA			
309	K																																															
308	K																																															
307	K						B	I	NOTE 11 B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
306	K						B	II	NOTE 11 C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	↑	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
305	K						B	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
304	K						B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
303	K																																														
302	K																																														
301	K																																														
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11 B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

REVISIONS					
ECN	ZONE	DESCRIPTION	BY	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			
H		REVISED PER TDRR 20892			
J		REVISED PER TDRR 20906			
K		REVISED PER TDRR 21379			
L		REVISED PER TDRR 21410			
M		REVISED PER TDRR 21993			
N		REVISED PER TDRR 22621			
P		REVISED PER TDRR 22671			
R		REVISED PER TDRR 22672			
S		REVISED PER TDRR 22750			
T		REVISED PER TDRR 22823			
U		REVISED PER TDRR 23072		10-3-65	
V		REVISED PER TDRR 23521		10-27-65	
W		REVISED PER TDRR 23854	RAJ	11-5-65	
Y		REVISED PER TDRR 24018	RAJ	11-16-65	
Z		REVISED PER TDRR 24040	RAJ	11-19-65	
AA		REVISED PER TDRR 24060	RAJ	11-19-65	
AB		REVISED PER TDRR 24868	RAJ	12-22-65	
AC		REVISED PER TDRR 24973	RAJ	1-4-66	
AD		REVISED PER TDRR 25065	RAJ	1-18-66	
AE		REVISED PER TDRR 25672	RAJ	2-4-66	
AF		REVISED PER TDRR 25671	RAJ	2-4-66	
AG		REVISED PER TDRR 26117	RAJ	2-15-66	
AH		REVISED PER TDRR 26372	"	3-16-66	
AJ		REVISED PER TDRR 26425	"	3-16-66	
AK		REVISED PER TDRR 26743	"	3-16-66	
AL		REVISED PER TDRR 26708	"	3-16-66	
AM		REVISED PER TDRR 27168	"	4-8-66	
AN		REVISED PER TDRR 27235	"	4-8-66	
AP		REVISED PER TDRR 27345	"	4-8-66	
AR		REVISED PER TDRR 27417	"	4-8-66	
AS		REVISED PER TDRR 27442	"	4-8-66	
AT		REVISED PER TDRR 27719	"	4-21-66	
AU		REVISED PER TDRR 27780	"	4-21-66	
AV		REVISED PER TDRR 27896	"	4-21-66	
AW		28110	"	5-16-66	
AY		28173	"	"	
AZ		28131	"	"	
BA		28124	"	"	
BB		REVISED PER TDRR 28511	"	5-16-66	
BC		" " " 28549	"	5-24-66	
BD		" " " 29322	"	6-8-66	
BE		" " " 29235	"	"	
BF		" " " 29322	"	6-30-66	
BG		" " " 29423	"	"	
BH		" " " 29449	"	"	
BJ		" " " 29335	"	"	
BK		" " " 29619	"	"	
BL		" " " 29436	"	"	
BM		REVISION STATUS CHANGED	JSD	NS 7-25-66	
BN		REVISION STATUS CHANGED	JJF	7-28-66	
BP		REVISION STATUS CHANGED	JJF	7-28-66	

Ⓖ REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ± — ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE MASS

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN R. A. Jones 7-16-66
CHECKED B. J. Rupp 7-22-66
APPROVED
APPROVED W. Wyatt 7-25-66
APPROVED MIT W. Wyatt 7-25-66
APPROVED MSC
DATE

NAMEPLATES, APOLLO G&N-GSE (STANDANDS)

CODE IDENT NO 80230
SIZE E
DRAWING NO. 1004260
SCALE NONE
SHEET 2 OF 6

| | | |

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
309	K																																															
308	K																																															
307	K							B	I	NOTE 11 B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
306	K							B	II	NOTE 11 C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	↓	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
305	K							B	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	↓	.718	1.375	.187	NA	NA	.048	.031	.875	.320																
304	K							B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
303	K																																															
302	K																																															
301	K																																															
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11 B	2.000	1.312	1.625	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	2.18	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
4	K	S/M SIMULATOR ASSEMBLY		1019856			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
1	K	2 IN AUTOCOLLIMATOR		100 702			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854	"			
H		REVISED PER TDRR 20892	"			
J		REVISED PER TDRR 20904	"			
K		REVISED PER TDRR 21379	"			
L		REVISED PER TDRR 21410	"			
M		REVISED PER TDRR 21993	"			
N		REVISED PER TDRR 22621	"			
P		REVISED PER TDRR 22671	"			
R		REVISED PER TDRR 22672	"			
S		REVISED PER TDRR 22750	"			
T		REVISED PER TDRR 22823	"			
U		REVISED PER TDRR 23072	"			
V		REVISED PER TDRR 23521	"			
W		REVISED PER TDRR 23804	RAJ			
Y		REVISED PER TDRR 24018	RAJ			
Z		REVISED PER TDRR 24040	RAJ			
AA		REVISED PER TDRR 24060	RAJ			
AB		REVISED PER TDRR 24868	RAJ			
AC		REVISED PER TDRR 24973	RAJ			
AD		REVISED PER TDRR 25065	RAJ			
AE		REVISED PER TDRR 25672	RAJ			
AF		REVISED PER TDRR 25671	RAJ			
AG		REVISED PER TDRR 26117	RAJ			
AH		REVISED PER TDRR 26372	"			
AJ		REVISED PER TDRR 26425	"			
AK		REVISED PER TDRR 26743	"			
AL		REVISED PER TDRR 26798	"			
AM		REVISED PER TDRR 27189	"			
AN		REVISED PER TDRR 27235	"			
AP		REVISED PER TDRR 27345	"			
AR		REVISED PER TDRR 27417	"			
AS		REVISED PER TDRR 27442	"			
AT		REVISED PER TDRR 27719	"			
AU		REVISED PER TDRR 27880	"			
AV		REVISED PER TDRR 27896	"			
AW		28110	"			
AY		28173	"			
AZ		28131	"			
BA		28224	"			
BB		REVISED PER TDRR 28511	"			
BC		" " " 28949	"			
BD		" " " 29222	"			
BE		" " " 29235	"			
BF		" " " 29322	"			
BG		" " " 29423	"			
BH		" " " 29449	"			
BJ		" " " 29335	"			
BK		" " " 29619	"			
BL		" " " 29696	"			
BM		REVISION STATUS CHANGED	JSD	NS		
BN		REVISION STATUS CHANGED	JE	RW		
BP		REVISION STATUS CHANGED	JE	RW		
BR		REVISION STATUS CHANGED	JE	RW		
BS		REVISION STATUS CHANGED	GW	RW		

⑥ REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN E.A. Fraser 7-16-65
CHECKED D.J. Kruger 7-22-65
APPROVED
APPROVED W.H. Wyatt 7-16-65
APPROVED W.W. Wyatt 7/26/65
APPROVED MSC DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 2 OF 2

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SYM	ZONE	REVISIONS — DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.	"		7/26	WK
H		REVISED PER TDRR 20892	"		8/26	WK
J		REVISED PER TDRR 20904	"		9/26	WK
K		REVISED PER TDRR 21379	"		9/16	WK
L		REVISED PER TDRR 21410	"		9/28	WK
M		REVISED PER TDRR 21993	"			
N		REVISED PER TDRR 22621	"			
P		REVISED PER TDRR 22671	"			
R		REVISED PER TDRR 22672	"			
S		REVISED PER TDRR 22750	"			
T		REVISED PER TDRR 22823	"			
U		REVISED PER TDRR 23072	"		10-2465	
V		REVISED PER TDRR 23521	"		10276	
W		REVISED PER TDRR 23804	RAJ		11-2-65	
Y		REVISED PER TDRR 24018	RAJ		11-16-65	
Z		REVISED PER TDRR 24040	RAJ		11-19-65	
AA		REVISED PER TDRR 24060	RAJ		11-19-65	
AB		REVISED PER TDRR 24868	RAJ		12-29-65	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-18-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26113	RAJ		2-15-66	
AH		REVISED PER TDRR 26372	"		3-8-66	
AJ		REVISED PER TDRR 26425	"		3-8-66	
AK		REVISED PER TDRR 26743	"		3-15-66	
AL		REVISED PER TDRR 26708	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-8-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-21-66	
AU		REVISED PER TDRR 27880	"		4-21-66	
AV		REVISED PER TDRR 27896	"		4-21-66	
AW		" " " 28110	"		5-16-66	
AY		" " " 28173	"		"	
AZ		" " " 28131	"		"	
BA		" " " 28124	"		"	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29322	"		6-30-66	
BG		" " " 29423	"			
BH		" " " 29449	"		"	
BJ		" " " 29235	"		"	
BK		" " " 29619	"		"	
BL		" " " 29696	"		"	
BM		REVISION STATUS CHANGED	JSD	NS	7-29-66	
BN		REVISION STATUS CHANGED	JJ	RLW	8-26-66	
BP		REVISION STATUS CHANGED	JJ	RLW	9-16-66	
BR		REVISION STATUS CHANGED	JJ	RLW	9-28-66	
BS		REVISION STATUS CHANGED	GW	RLW	10-26-66	
BT		REVISION STATUS CHANGED	GW	RLW	11-2-66	

02768

SYM	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.053	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA
309	K																																														
308	K																																														
307	K						B	I	NOTE 11 B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
306	K						B	II	NOTE 11 C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	↑	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
305	K						B	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	↑	.718	1.375	.187	NA	NA	.048	.031	.875	.320	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
304	K						B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
303	K																																														
302	K																																														
301	K																																														
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11 B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA	NA
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
7	K	5½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
6	K	2.2 IN 2 TOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

© REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. CAPACITOR VALUES ARE IN μf. RESISTOR VALUES ARE IN OHMS. TOLERANCES ON FRACTIONS ±.005, DECIMALS ±.005, ANGLES ±—. DO NOT SCALE THIS DRAWING.

MATERIAL: SEE NOTE 11

AS APPLICABLE: NEXT ASSY | USED ON — APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN R.L. Jones 7-16-66
CHECKED B.J. Lange 7-22-66
APPROVED
APPROVED W.W. Taylor 7-26-66
APPROVED MIT W.W. Taylor 7-26-66
APPROVED MSC
DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | SHEET 2 OF 2

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SYM	ZONE	REVISIONS DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.	"		7-16-65	
H		REVISED PER TDRR 20892	"		8-6-65	
J		REVISED PER TDRR 20904	"		8-18-65	
K		REVISED PER TDRR 21379	"		9-16-65	
L		REVISED PER TDRR 21410	"		9-24-65	
M		REVISED PER TDRR 21993	"		10-7-65	
N		REVISED PER TDRR 22621	"		10-?	
P		REVISED PER TDRR 22671	"		10-?	
R		REVISED PER TDRR 22672	"		10-?	
S		REVISED PER TDRR 22750	"		10-?	
T		REVISED PER TDRR 22823	"		10-?	
U		REVISED PER TDRR 23072	"		10-25-65	
V		REVISED PER TDRR 23521	"		10-27-65	
W		REVISED PER TDRR 23824	RAJ		11-9-65	
Y		REVISED PER TDRR 24018	RAJ		11-16-65	
Z		REVISED PER TDRR 24040	RAJ		11-19-65	
(M) AA		REVISED PER TDRR 24060	RAJ		11-19-65	
(J) AB		REVISED PER TDRR 24868	RAJ		12-22-65	
(M) AC		REVISED PER TDRR 24973	RAJ		1-4-66	
(M) AD		REVISED PER TDRR 25065	RAJ		1-18-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
(M) AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26113	RAJ		2-15-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26748	"		3-16-66	
(M) AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-8-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
(M) AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-21-66	
(M) AU		REVISED PER TDRR 27880	"		4-21-66	
(M) AV		REVISED PER TDRR 27896	"		4-21-66	
AW		28110	"		5-16-66	
AY		28173	"		"	
AZ		28131	"		"	
BA		28124	"		"	
BB		REVISED PER TDRR 28511	"		5-16-66	
(M) BC		" " " 28949	"		5-24-66	
(M) BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29322	"		6-30-66	
BG		" " " 29423	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		"	
(M) BL		" " " 29696	"		"	
BM		REVISION STATUS CHANGED	JSD	MS	7-29-66	
BN		REVISION STATUS CHANGED	LI	RLW	8-15-66	
BP		REVISION STATUS CHANGED	JE	RLW	10-26-66	
BR		REVISION STATUS CHANGED	JE	RLW	11-30-66	
BS		REVISION STATUS CHANGED	GW	RLW	12-6-66	
(M) BT		REVISION STATUS CHANGED	GW	RLW	12-6-66	
BU		REVISION STATUS CHANGED	EH	RLW	12-8-66	

ASM NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)					A	I	NOTE 11	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.5311	.453	NA
309	K																																														
308	K																																														
307	K						B	I	NOTE 11 B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
306	K						B	II	NOTE 11 C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	↑	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
305	K						B	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	↑	.718	1.375	.187	NA	NA	.048	.031	.875	.320	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
304	K						B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
303	K																																													
302	K																																													
301	K																																													
310	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11 B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
8	K	5 IN AUTOCOLL MATOR		1017410			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	3.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
1	✓	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

(G) REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FSNC NO.
LIST OF MATERIALS				

AS APPLICABLE

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± —— DECIMALS ±.005 ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN R. G. Lyman 7-16-65
CHECKED B. J. Lange 7-22-65
APPROVED
APPROVED W. Wrigley 7-26-65
APPROVED MIT W. Wrigley 12/4/66
APPROVED MSC [illegible] 12/6/66

NAMEPLATES,
APOLLO G&N-GSE
(STANDANDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | SHEET 2 OF [illegible]

MIT 0270111 B

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C.	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
309	K							B	I	NOTE 11 B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
308	K							B	II	NOTE 11 C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	.187	.906	2.031	.062	.375	.156	↑	1.437	2.750	.437	2.312	3.687	.062	NA	.750	.593	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
307	K							B	I	NOTE 11 B	2.000	1.312	1.687	.375	.078	.048	.078	.093	NA	NA	.164	.141	.593	.453	1.015	.048	.171	.078	↑	.718	1.375	.187	NA	NA	.048	.031	.875	.320	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
306	K							B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	.164	.141	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
305	K																																																
304	K																																																
303	K																																																
302	K																																																
301	K																																																
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11 B	2.000	1.312	.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	.375	2.5	NA	NA	NA	NA	NA	.375	NA	NA	NA	.80	NA	.078	NA	NA	NA	.156	1.062	.375	3.687
9	K	2 IN AUTOCOLLIMATOR		1007702			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
3	K	DEFERTICE MIRROR		1001767			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C.	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
399	K																																																
398	K																																																
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)					A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.593	NA

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.				
H		REVISED PER TDRR 20892				
J		REVISED PER TDRR 20904				
K		REVISED PER TDRR 21379				
L		REVISED PER TDRR 21410				
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072				
V		REVISED PER TDRR 23521				
W		REVISED PER TDRR 23824	RAJ			
Y		REVISED PER TDRR 24018	RAJ			
Z		REVISED PER TDRR 24040	RAJ			
AA		REVISED PER TDRR 24060	RAJ			
AB		REVISED PER TDRR 24868	RAJ			
AC		REVISED PER TDRR 24973	RAJ			
AD		REVISED PER TDRR 25065	RAJ			
AE		REVISED PER TDRR 25672	RAJ			
AF		REVISED PER TDRR 25671	RAJ			
AG		REVISED PER TDRR 26119	RAJ			
AH		REVISED PER TDRR 26372	"			
AJ		REVISED PER TDRR 26425	"			
AK		REVISED PER TDRR 26743	"			
AL		REVISED PER TDRR 26798	"			
AM		REVISED PER TDRR 27168	"			
AN		REVISED PER TDRR 27235	"			
AP		REVISED PER TDRR 27345	"			
AR		REVISED PER TDRR 27417	"			
AS		REVISED PER TDRR 27442	"			
AT		REVISED PER TDRR 27719	"			
AU		REVISED PER TDRR 27880	"			
AV		REVISED PER TDRR 27896	"			
AW		28110	"			
AY		28173	"			
AZ		28131	"			
BA		28124	"			
BB		REVISED PER TDRR 28511	"			
BC		" " " 28949	"			
BD		" " " 29222	"			
BE		" " " 29235	"			
BF		" " " 29322	"			
BG		" " " 29423	"			
BH		" " " 29449	"			
BJ		" " " 29335	"			
BK		" " " 29619	"			
BL		" " " 29636	"			
BM		REVISION STATUS CHANGED	JSD	NS	7-29-66	
BN		REVISION STATUS CHANGED	JT	RLW	7-29-66	
BP		REVISION STATUS CHANGED	JT	RLW	7-29-66	
BR		REVISION STATUS CHANGED	JT	RLW	7-29-66	
BS		REVISION STATUS CHANGED	GW	RLW	10-26-66	
BT		REVISION STATUS CHANGED	GW	RLW	10-26-66	
BU		REVISION STATUS CHANGED	EH		11-15-66	
BV		REVISION STATUS CHANGED	JJB		3-2-67	

© REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS DECIMALS ANGLES ± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL SEE NOTE 11

AS APPLICABLE
NEXT ASSY USED ON
APPLICATION

MIT INSTRUMENTATION LAB CAMBRIDGE MASS.

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN [illegible] 7-16-66
CHECKED [illegible] 7-22-66
APPROVED [illegible] 7-29-66
APPROVED [illegible]
APPROVED MIT [illegible]
APPROVED MSC [illegible]
DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | SHEET 2 OF 6

1004260 REV

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
309	K						B	I	NOTE 11 B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
308	K																																																
307	K						B	II	NOTE 11 C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	.187	.906	2.031	.062	.375	.156	"	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
306	K																																																
305	K						B	I	NOTE 11 B	2.000	1.312	1.687	.375	.078	.048	.078	.093	NA	NA	.164	.734	.593	.453	1.015	.048	.171	.078	"	.718	1.375	.187	NA	NA	.048	.031	.875	.320	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
304	K						B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
303	K																																															
302	K																																															
301	K																																															
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11 B	2.000	.312	.675	NA	NA	.048	.078	NA	NA	NA	.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20894.				
H		REVISED PER TDRR 20892				
J		REVISED PER TDRR 20904				
K		REVISED PER TDRR 21379				
L		REVISED PER TDRR 21410				
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072				
V		REVISED PER TDRR 23521				
W		REVISED PER TDRR 23804	RAJ			
Y		REVISED PER TDRR 24018	RAJ			
Z		REVISED PER TDRR 24040	RAJ			
AA		REVISED PER TDRR 24060	RAJ			
AB		REVISED PER TDRR 24868	RAJ			
AC		REVISED PER TDRR 24973	RAJ			
AD		REVISED PER TDRR 25065	RAJ			
AE		REVISED PER TDRR 25672	RAJ			
AF		REVISED PER TDRR 25671	RAJ			
AG		REVISED PER TDRR 26113	RAJ			
AH		REVISED PER TDRR 26372	"			
AJ		REVISED PER TDRR 26425	"			
AK		REVISED PER TDRR 26743	"			
AL		REVISED PER TDRR 26738	"			
AM		REVISED PER TDRR 27168	"			
AN		REVISED PER TDRR 27235	"			
AP		REVISED PER TDRR 27345	"			
AR		REVISED PER TDRR 27417	"			
AS		REVISED PER TDRR 27442	"			
AT		REVISED PER TDRR 27719	"			
AU		REVISED PER TDRR 27880	"			
A		REVISED PER TDRR 27696	"			
AV		28110	"			
AY		28173	"			
AZ		28131	"			
BA		28124	"			
BB		REVISED PER TDRR 28511	"			
BC		" " " 28949	"			
BD		" " " 29222	"			
BE		" " " 29235	"			
BF		" " " 29322	"			
BG		" " " 29423	"			
BH		" " " 29443	"			
BJ		" " " 29335	"			
BK		" " " 29619	"			
BL		" " " 29636	"			
BM		REVISION STATUS CHANGED	JSD	NS	7-2-66	
BN		REVISION STATUS CHANGED	JJF			
BP		REVISION STATUS CHANGED	JJL			
BR		REVISION STATUS CHANGED	JJL			
BS		REVISION STATUS CHANGED	GW			
BT		REVISION STATUS CHANGED	GW			
BU		REVISION STATUS CHANGED	EH			
BV		REVISION STATUS CHANGED	JJB			
BW		" "	JJB			

© REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

QTY PER UNIT	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS ± —, DECIMALS ± —, ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 11
AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB CAMBRIDGE MASS.

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN E.G. Lowe 7-16-66
CHECKED [illegible] 7-22-66
APPROVED [illegible]
APPROVED [illegible]
APPROVED MIT [illegible]
APPROVED MSC [illegible] DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 27 OF 95

1004260 BM

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NC.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
309	K						B	I	NOTE 11	8.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
308	K						B	II	NOTE 11	8.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	↑	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
307	K						B	I	NOTE 11	8.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	↓	.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
306	K						B	II	NOTE 11	8.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687	NA	NA	NA	NA	NA	NA	NA	NA
305	K						B	I	NOTE 11	2.000	1.312	.687	.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078		.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
304	K						B	II	NOTE 11	2.000	1.312	1.687	.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
303	K																																																
302	K																																																
301	K																																																
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11	8.000	1.312	.875	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.875	.540	.940	NA	.265	NA	NA	NA	.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687	NA	NA	NA	NA	NA
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687	NA	NA	NA	NA	NA
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687	NA	NA	NA	NA	NA
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	I	NOTE 11	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA	NA	NA	NA	NA	NA
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA	NA	NA	NA	NA	NA
4	K	S/M SIMULATOR ASSEMBLY		1019856			B	I	NOTE 11	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA	NA	NA	NA	NA	NA
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11	2.000	1.312	1.906	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA	NA	NA	NA	NA	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11	2.000	1.312	1.906	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA	NA	NA	NA	NA	NA
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11	2.000	1.312	1.906	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA	NA	NA	NA	NA	NA

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NC.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA					

NOTES FOR TABLE

STYLE A IS FOR GEN SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

KOLLSMAN DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPD
G		REPLACES REV F WITH CHANGE PER TDRR 20896	W		7-16-65	
H		REVISED PER TDRR 20892	"		7-16-65	
J		REVISED PER TDRR 20904	"		7-16-65	
K		REVISED PER TDRR 21379	"		7-16-65	
L		REVISED PER TDRR 21410	"		7-16-65	
M		REVISED PER TDRR 21993	"		7-16-65	
N		REVISED PER TDRR 22621	"		7-16-65	
P		REVISED PER TDRR 22671	"		7-16-65	
R		REVISED PER TDRR 22672	"		7-16-65	
S		REVISED PER TDRR 22750	"		7-16-65	
T		REVISED PER TDRR 22823	"		7-16-65	
U		REVISED PER TDRR 23072	"		10-13-65	
V		REVISED PER TDRR 23521	"		10-27-65	
W		REVISED PER TDRR 23804	RAJ		11-9-65	
Y		REVISED PER TDRR 24018	RAJ		11-16-65	
Z		REVISED PER TDRR 24040	RAJ		11-19-65	
AA		REVISED PER TDRR 24060	RAJ		11-19-65	
AB		REVISED PER TDRR 24868	RAJ		2-22-66	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065 —	RAJ		1-18-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26113	RAJ		2-15-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-8-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-21-66	
AU		REVISED PER TDRR 27880	"		4-21-66	
AV		REVISED PER TDRR 27896	"		4-21-66	
AW		28110	"		5-16-66	
AY		28173	"		"	
AZ		28131	"		"	
BA		28124	"		"	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29322	"		6-30-66	
BG		" " " 29423	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29535	"		"	
BK		" " " 29619	"		"	
BL		" " " 29696	"		"	
BM		REVISION STATUS CHANGED	JSD	NS	7-25-66	
BN		REVISION STATUS CHANGED	JJ	RLW	7-25-66	
BP		REVISION STATUS CHANGED	JJ	RLW	8-8-66	
BR		REVISION STATUS CHANGED	JJ	RLW	8-8-66	
BS		REVISION STATUS CHANGED	KW	RLW	8-8-66	
BT		REVISION STATUS CHANGED	GW	RLW	8-8-66	
BU		REVISION STATUS CHANGED	EH	RLW	8-8-66	
BV		REVISION STATUS CHANGED	JJB	RLW	10-3-66	
BW		" " "	JJB	RLW	10-3-66	
BY		" " "	JJB	RLW	10-3-66	

© REPLACES REV F WITH CHANGE

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± .005 DECIMALS ± — ANGLES ±
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

ASAMP KABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN R.G. Lyons 7-16-65
CHECKED R.J. Lyons 7-22-65
APPROVED [illegible] 7-26-65
APPROVED W. Hyatt 7-26-65
APPROVED MIT W. Hyatt 7-26-65
APPROVED MSC [illegible] 7-26-65

NAMEPLATES, PCL
APOLLO GEN-GSE
(STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | DATE | SHEET 2 OF 5

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DASH NO.	PAT	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
309	K																																														
308	K																																														
307	K						B	I	NOTE 11 B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
306	K						B	II	NOTE 11 C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	↓	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
305	K						B	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	↓	.718	1.375	.187	NA	NA	.048	.031	.875	.320	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
304	K						B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
303	K																																														
302	K																																														
301	K																																														
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11 B	2.000	1.312	.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
8	K	5 IN AUTOCOLL MATOR		1017410			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
4	K	S/H SIMULATOR ASSEMBLY		1019856			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
3	K	REFERTICE MIRROR		1001767			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.	"		7/26/65	WK
H		REVISED PER TDRR 20892	"		8/26/65	WK
J		REVISED PER TDRR 20904	"		9/16/65	WK
K		REVISED PER TDRR 21379	"		9/16/65	WK
L		REVISED PER TDRR 21410	"		9/24/65	WK
M		REVISED PER TDRR 21993	"		10/	
N		REVISED PER TDRR 22621	"		10/	
P		REVISED PER TDRR 22671			11/	
R		REVISED PER TDRR 22672			11/	
S		REVISED PER TDRR 22750			11/9/65	
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072			10-23-65	
V		REVISED PER TDRR 23521			12-27-65	
W		REVISED PER TDRR 23824	RAJ		11-5-65	
Y		REVISED PER TDRR 24018	RAJ		11-15-65	
Z		REVISED PER TDRR 24040	RAJ		11-19-65	
AA		REVISED PER TDRR 24060	RAJ		11-19-65	
AB		REVISED PER TDRR 24868	RAJ		12-22-65	
AC		REVISED PER TDRR 24973	RAJ		1-4-	
AD		REVISED PER TDRR 25065	RAJ		1-11-	
AE		REVISED PER TDRR 25672	RAJ		2-4-	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26013	RAJ		2-21-	
AH		REVISED PER TDRR 26372	"		3-16-	
AJ		REVISED PER TDRR 26425	"		3-16-	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-8-	
AN		REVISED PER TDRR 27235	"		4-8-	
AP		REVISED PER TDRR 27345	"		4-8-	
AR		REVISED PER TDRR 27417	"		4-8-	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-21-66	
AU		REVISED PER TDRR 27880	"		4-21-66	
AV		REVISED PER TDRR 27896	"		4-21-66	
AW		28110	"		5-16-66	
AY		28173	"			
AZ		28131	"			
BA		28124	"			
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29322	"		6-30-66	
BG		" " " 29423	"			
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		"	
BL		" " " 29636	"		"	
BM		REVISION STATUS CHANGED	JJD	NS	7-29-66	
BN		REVISION STATUS CHANGED	JT	RLW	8-26-66	
BP		REVISION STATUS CHANGED	JT	RLW	9-9-66	
BR		REVISION STATUS CHANGED	JT	RLW	9-9-66	
BS		REVISION STATUS CHANGED	GW	RLW	9-9-66	
BT		REVISION STATUS CHANGED	GW	RLW	9-26-66	
BU		REVISION STATUS CHANGED	EH	JT	9-26-66	
BV		REVISION STATUS CHANGED	JJB	RLW	10-26-66	
BW		" " "	JJB	RLW	10-26-66	
BY		" " "	JJB	RLW	OCT 66	
BZ		REVISION STATUS CHANGED	JJB	RLW	OCT 66	

© REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

AS APPLICABLE

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ±.005 ANGLES ± —
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MATERIAL
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CAMBRIDGE, MASS.

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CHECKED B.J. Lange 7-22-65
APPROVED
APPROVED W.L. Wyer 7-26-65

NAMEPLATES,
APOLLO G&N-GSE
(STANDARDS)

APPROVED MIT W.L. Wyer 7-26-65
APPROVED MSC
DATE

CODE IDENT NO 80230
SIZE E
DRAWING NO. 1004260
SCALE NONE
SHEET 2 OF

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DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
309	K																																														
308	K																																														
307	K						B	I	NOTE 11	B 4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
306	K						B	II	NOTE 11	C 4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	↓	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
305	K						B	I	NOTE 11	B 2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
304	K						B	II	NOTE 11	C 2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	↓	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
303	K																																														
302	K																																														
301	K																																														
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11	B 2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	2.6	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11	C 4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	.062	3.812	.156	NA	.156	1.062	.375	3.687
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11	C 4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	.062	3.812	.156	NA	.156	1.062	.375	3.687
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11	C 4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	.062	3.812	.156	NA	.156	1.062	.375	3.687
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11	C 4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	.062	3.812	.156	NA	.156	1.062	.375	3.687
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11	B 4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	.062	3.812	.156	NA	.156	1.062	.375	NA
4	K	S/M SIMULATOR ASSEMBLY		1019896			B	"	NOTE 11	B 4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	.062	3.812	.156	NA	.156	1.062	.375	NA
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11	B 2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11	B 2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11	B 2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
309	K	ALIGNMENT OPTICAL TELESCOPE (CEV)		NA	NA	NA	A	I	NOTE 11	B 4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.	"		7-16-65	
H		REVISED PER TDRR 20892	"		8-6-65	
J		REVISED PER TDRR 20904	"		8-9-65	
K		REVISED PER TDRR 21379	"		9-16-65	
L		REVISED PER TDRR 21410	"		9-24-65	
M		REVISED PER TDRR 21993	"		10-29-65	
N		REVISED PER TDRR 22621	"		12-1-65	
P		REVISED PER TDRR 22671	"		12-1-65	
R		REVISED PER TDRR 22672	"		12-1-65	
S		REVISED PER TDRR 22750	"		12-15-65	
T		REVISED PER TDRR 22823	"		12-15-65	
U		REVISED PER TDRR 23072	"		12-13-65	
V		REVISED PER TDRR 23521	"		1-27-66	
W		REVISED PER TDRR 23824	RAJ		11-5-65	
Y		REVISED PER TDRR 24018	RAJ		11-16-65	
Z		REVISED PER TDRR 24040	RAJ		11-17-65	
AA		REVISED PER TDRR 24060	RAJ		11-19-65	
AB		REVISED PER TDRR 24868	RAJ		12-2-65	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-18-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
		REVISED PER TDRR 2610	RAJ		2-4-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-K-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-8-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-21-66	
AU		REVISED PER TDRR 27880	"		4-21-66	
AV		REVISED PER TDRR 27896	"		4-21-66	
AW		28110	"		5-16-66	
AY		28173	"		"	
AZ		28131	"		"	
BA		28124	"		"	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28959	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29322	"		6-30-66	
BG		" " " 29423	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29535	"		"	
BK		" " " 23619	"		"	
BL		" " " 29696	"		"	
BM		REVISION STATUS CHANGED	JND	NS	7-29-66	
BN		REVISION STATUS CHANGED	JE	RLW	8-26-66	
BP		REVISION STATUS CHANGED	JE	RLW	9-16-66	
BR		REVISION STATUS CHANGED	JE	RLW	9-16-66	
BS		REVISION STATUS CHANGED	GW	RLW	9-26-66	
BT		REVISION STATUS CHANGED	GW	RLW	9-26-66	
BU		REVISION STATUS CHANGED	EH		9-26-66	
BV		REVISION STATUS CHANGED	JJB	RLW	9-26-66	
BW		" " "	JJB	RLW	9-26-66	
BY		" " "	JJB	RLW	10-7-66	
BZ		REVISION STATUS CHANGED	J.E	RLW	10-25-66	
CA		REVISION STATUS CHANGED	JJB		25 OCT 66	

© REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO
			LIST OF MATERIALS	

AS APPLICABLE

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
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MATERIAL
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MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN	E A Grimes	7-16-65
CHECKED	D J Lange	7-22-65
APPROVED		
APPROVED	W Kaplan	7-26-65
APPROVED MIT	W Kaplan	27 Jul 65
APPROVED MSC		

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260

DATE | SCALE NONE | SHEET 2 OF

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DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA
309	K																																														
308	K																																														
307	K						B	I	NOTE 11 B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
306	K						B	II	NOTE 11 C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	↓	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
305	K						B	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	↓	.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
304	K						B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
303	K																																													
302	K																																													
301	K																																													
300	K	OPTICAL UNIT		N.A	NA	NA	A	I	NOTE 11 B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	NA	.180	NA	.078	NA	NA	NA
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.675	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

REVISIONS

SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.	"		7-16-66	
H		REVISED PER TDRR 20892	"		8-26-66	
J		REVISED PER TDRR 20904	"		8-26-66	
K		REVISED PER TDRR 21379	"		10-6-66	
L		REVISED PER TDRR 21410	"		9-26-66	
M		REVISED PER TDRR 21993	"		"	"
N		REVISED PER TDRR 22621	"		10-19-66	
P		REVISED PER TDRR 22671	"		"	"
R		REVISED PER TDRR 22672	"		10-19-66	
S		REVISED PER TDRR 22750	"		"	"
T		REVISED PER TDRR 22823	"		10-27-66	
U		REVISED PER TDRR 23072	"		10-27-66	
V		REVISED PER TDRR 23521	"		10-27-66	
W		REVISED PER TDRR 23844	RAJ		11-9-66	
Y		REVISED PER TDRR 24018	RAJ		11-16-66	
Z		REVISED PER TDRR 24040	RAJ		11-19-66	
AA		REVISED PER TDRR 24060	RAJ		11-19-66	
AB		REVISED PER TDRR 24868	RAJ		12-22-66	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-18-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26113	RAJ		2-15-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-8-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-21-66	
AU		REVISED PER TDRR 27880	"		4-21-66	
AV		REVISED PER TDRR 27896	"		4-21-66	
AW		28110	"		5-16-66	
AY		28173	"		"	"
AZ		28131	"		"	"
BA		28124	"		"	"
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	"
BF		" " " 29322	"		6-30-66	
BG		" " " 23423	"		-	"
BH		" " " 29445	"		-	"
BJ		" " " 29335	"		-	"
BK		" " " 29619	"		-	"
BL		" " " 29636	"		-	"
BM		REVISION STATUS CHANGED	JSD	NS	7-29-66	
BN		REVISION STATUS CHANGED	JJ	RLW	8-26-66	
BP		REVISION STATUS CHANGED	JJ	RLW	9-26-66	
BR		REVISION STATUS CHANGED	JJ	RLW	10-6-66	
BS		REVISION STATUS CHANGED	GW	RLW	10-27-66	
BT		REVISION STATUS CHANGED	GW	RLW	10-27-66	
BU		REVISION STATUS CHANGED	EH	JJ	9-26-66	
BV		REVISION STATUS CHANGED	JJB	RLW	10-27-66	
BW		" " "	JJB	RLW	10-27-66	
BY		" " "	JJB	RLW	10-27-66	
BZ		REVISION STATUS CHANGED	JJB	RLW	10 OCT 66	
CA		REVISION STATUS CHANGED	JJB	MW	25 OCT 66	
CB		REVISION STATUS CHANGED	REF	SM	10 DEC 66	

⑥ REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± —— DECIMALS ±.005 ANGLES ± ——
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN E.G. Jones 7-16-66
CHECKED D.J. Lange 7-22-66
APPROVED
APPROVED W.W. Taylor 7/26/66
APPROVED MIT W.W. Taylor 7/26/66
APPROVED MSC
DATE

NAMEPLATES, APOLLO G&N-GSE (STANDANDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | SHEET 2 OF 6

1004260 B

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AR	AP	AR
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA
309	K																																															
308	K																																															
307	K																																															
306	K							B	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
305	K							B	II	NOTE 11C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	↑	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
304	K							B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	↑	.718	1.375	.187	NA	NA	.048	.031	.875	.320	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
303	K							B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
302	K																																														
301	K																																														
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
	G	REPLACES REV F WITH CHANGE PER TDRR 20854.	"		7/22/65	
	H	REVISED PER TDRR 20892	"		8/26/65	
	J	REVISED PER TDRR 20904	"		9/16/65	
	K	REVISED PER TDRR 21375	"		10/6/65	
	L	REVISED PER TDRR 21410	"		9/24/65	
	M	REVISED PER TDRR 21993	"		10/	
	N	REVISED PER TDRR 22621	"		10/	
	P	REVISED PER TDRR 22671	"		11/	
	R	REVISED PER TDRR 22672	"		11/	
	S	REVISED PER TDRR 22750	"		11/	
	T	REVISED PER TDRR 22823	"		10/	
	U	REVISED PER TDRR 23072	"		10-25-65	
	V	REVISED PER TDRR 23521	"		10-27-65	
	W	REVISED PER TDRR 23824	RAJ		11-5-65	
	Y	REVISED PER TDRR 24018	RAJ		11-16-65	
	Z	REVISED PER TDRR 24040	RAJ		11-15-65	
M	AA	REVISED PER TDRR 24060	RAJ		11-19-65	
9	AB	REVISED PER TDRR 24868	RAJ		12-22-65	
M	AC	REVISED PER TDRR 24973	RAJ		1-4-66	
M	AD	REVISED PER TDRR 25065	RAJ		1-18-66	
	AE	REVISED PER TDRR 25672	RAJ		2-4-66	
M	AF	REVISED PER TDRR 25671	RAJ		2-4-66	
	AG	REVISED PER TDRR 26113	RAJ		2-25-66	
	AH	REVISED PER TDRR 26372	"		3-16-66	
	AJ	REVISED PER TDRR 26425	"		3-16-66	
	AK	REVISED PER TDRR 26743	"		3-16-66	
M	AL	REVISED PER TDRR 26798	"		3-16-66	
	AM	REVISED PER TDRR 27168	"		4-8-66	
	AN	REVISED PER TDRR 27235	"		4-8-66	
	AP	REVISED PER TDRR 27345	"		4-8-66	
	AR	REVISED PER TDRR 27417	"		4-8-66	
M	AS	REVISED PER TDRR 27442	"		4-8-66	
M	AT	REVISED PER TDRR 27719	"		4-21-66	
M	AU	REVISED PER TDRR 27880	"		4-21-66	
M	AV	REVISED PER TDRR 27896	"		4-21-66	
	AW	28110	"		5-16-66	
	AY	28173	"		"	
	AZ	28131	"		"	
	BA	28124	"		"	
	BB	REVISED PER TDRR 28511	"		5-16-66	
M	BC	" " " 28949	"		5-24-66	
M	BD	" " " 29222	"		6-8-66	
	BE	" " " 29235	"		"	
	BF	" " " 29322	"		6-30-66	
	BG	" " " 29423	"		"	
	BH	" " " 29445	"		"	
	BJ	" " " 29435	"		"	
	BK	" " " 29619	"		"	
M	BL	" " " 29636	"		"	
	BM	REVISION STATUS CHANGED	JSD	N.S.	7-25-66	
	BN	REVISION STATUS CHANGED	JJB	RLW	7-25-66	
	BP	REVISION STATUS CHANGED	JJB	RLW	7-26-66	
	BR	REVISION STATUS CHANGED	JJB	RLW	7-26-66	
	BS	REVISION STATUS CHANGED	GW	RLW	8-2-66	
M	BT	REVISION STATUS CHANGED	GW	RLW	8-2-66	
G	BU	REVISION STATUS CHANGED	EH		8-16-66	
G	BV	REVISION STATUS CHANGED	JJB	RLW	30 SEP 66	
	BW	" " "	JJB	RLW	30 SEP 66	
	BY	" " "	JJB	RLW	10 OCT 66	
G	BZ	REVISION STATUS CHANGED	JJB	RLW	10 OCT 66	
G	CA	REVISION STATUS CHANGED	JJB	RLW	25 OCT 66	
G	CB	REVISION STATUS CHANGED	REF	RLW	16 DEC 66	
	CC	REVISION STATUS CHANGED	AF	RLW	15 MAR 67	

G REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ± .005 ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN E.G. Jones 7-16-66
CHECKED
APPROVED
APPROVED
APPROVED MIT
APPROVED MSC
DATE

NAMEPLATES, APOLLO G&N-GSE (STANDANDS)

CODE IDENT NO. 80230
SIZE E
DRAWING NO. 1004260
SCALE NONE
SHEET 2 OF 6

DASH NO.	PIC	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AM	AJ	AK	AL	AM	AR	AP	AR
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA
309	K																																															
308	K																																															
307	K						B	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
306	K						B	II	NOTE 11C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.062	.375	.156	↑	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
305	K						B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	↓	.718	1.375	.187	NA	NA	.048	.031	.875	.320	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
304	K						B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
303	K																																														
302	K																																														
301	K																																														
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11B	4.000	2.625	3.8	32.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	.906	.078	NA	.078	.531	.187	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	.906	.078	NA	.078	.531	.187	NA
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.	"		7-16-65	
H		REVISED PER TDRR 20892	"		8-16-65	
J		REVISED PER TDRR 20904	"		8-16-65	
K		REVISED PER TDRR 21379	"		9-16-65	
L		REVISED PER TDRR 21410	"		9-16-65	
M		REVISED PER TDRR 21993	"			
N		REVISED PER TDRR 22621	"			
P		REVISED PER TDRR 22671	"			
R		REVISED PER TDRR 22672	"			
S		REVISED PER TDRR 22750	"			
T		REVISED PER TDRR 22823	"			
U		REVISED PER TDRR 23072	"		10-15-65	
V		REVISED PER TDRR 23521	"		10-27-65	
W		REVISED PER TDRR 23824	RAJ		11-9-65	
Y		REVISED PER TDRR 24018	RAJ		11-16-65	
Z		REVISED PER TDRR 24040	RAJ		11-19-65	
AA		REVISED PER TDRR 24060	RAJ		11-19-65	
AB		REVISED PER TDRR 24868	RAJ		12-22-65	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-18-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-4-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26738	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-8-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-21-66	
AU		REVISED PER TDRR 27880	"		4-21-66	
AV		REVISED PER TDRR 27896	"		4-21-66	
AW		28110	"		5-16-66	
AY		28173	"			
AZ		28131	"			
BA		28124	"			
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29322	"		6-30-66	
BG		" " " 29429	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29395	"		"	
BK		" " " 29619	"		"	
BL		" " " 29636	"		"	
BM		REVISION STATUS CHANGED	JSD	N.S.	12-9-66	
BN		REVISION STATUS CHANGED	JJT	RLW	12-16-66	
BP		REVISION STATUS CHANGED	JJ	RLW	12-16-66	
BR		REVISION STATUS CHANGED	JJ	RLW	12-16-66	
BS		REVISION STATUS CHANGED	GW	RLW	12-16-66	
BT		REVISION STATUS CHANGED	GW	RLW	12-16-66	
BU		REVISION STATUS CHANGED	EH	RLW	12-16-66	
BV		REVISION STATUS CHANGED	JJB	RLW	30 DEC 66	
BW		" " "	JJB	RLW	30 DEC 66	
BY		" " "	JJB	RLW	10 OCT 66	
BZ		REVISION STATUS CHANGED	JJB	RLW	10 OCT 66	
CA		REVISION STATUS CHANGED	JJB	RLW	25 OCT 66	
CB		REVISION STATUS CHANGED	REF	RLW	19 DEC 66	
CC		REVISION STATUS CHANGED	AF	RLW	15 NOV 66	
CD		REVISION STATUS CHANGED	DR	RLW	APPROVED	

© REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

MASTER

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ±— DECIMALS ±.005 ANGLES ±—
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN R.C. Lynch 7-16-65
CHECKED E.J. Lange 7-22-65
APPROVED W.L. Taylor 7-26-65
APPROVED
APPROVED MIT W.L. Taylor 12-14-65
APPROVED MSC

NAMEPLATES, APOLLO G&N-GSE (STANDANDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 2 OF 6

DASH NO.	M/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AR	AP	AR
309	K																																															
308	K																																																
307	K						B	I	NOTE 11 B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
306	K						B	II	NOTE 11 C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	.187	.906	2.031	.062	.375	.156	"	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593															
305	K						B	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	"	.718	1.375	.187	NA	NA	.048	.031	.875	.320															
304	K						B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
303	K																																															
302	K																																															
301	K																																															
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11 B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	.062	.375	NA
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	.062	.375	NA
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	.906	.078	NA	.078	.531	.187	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	.906	.078	NA	.078	.531	.187	NA
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

ZONE	REVISION	DESCRIPTION	BY	APPROVED
G		REPLACES REV F WITH CHANGE PER TORR 20894		
H		REVISED PER TORR 20892		
J		REVISED PER TORR 20904		
K		REVISED PER TORR 21375		
L		REVISED PER TORR 21410		
M		REVISED PER TORR 21993		
N		REVISED PER TORR 22621		
P		REVISED PER TORR 22671		
R		REVISED PER TORR 22672		
S		REVISED PER TORR 22		
T		REVISED PER TORR 22675		
U		REVISED PER TORR 23072		
V		REVISED PER TORR 23621		
W		REVISED PER TORR 23834		
Y		REVISED PER TORR 24018	RAU	
Z		REVISED PER TORR 24040	RAU	
AA		REVISED PER TORR 24068	RAU	
AB		REVISED PER TORR 24464	RA	
AC		REVISED PER TORR 24971	RAU	
AD		REVISED PER TORR 25063		
AE		REVISED PER TORR 25092		
AF		REVISED PER TORR 25671		
AG		REVISED PER TORR 26117		
AH		REVISED PER TORR 26378		
AJ		REVISED PER TORR 26425		
AK		REVISED PER TORR 26743		
AL		REVISED PER TORR 27060		
AM		REVISED PER TORR 27235		
AP		REVISED PER TORR 27345		
AR		REVISED PER TORR 27417		
AS		REVISED PER TORR 27448		
AT		REVISED PER TORR 27719		
AU		REVISED PER TORR 27866		
AV		REVISED PER TORR 27958		
AW		28110		
AY		28173		
AZ		28189		
BA		28124		
BB		REVISED PER TORR 28517		
BC		28549		
BD		25022		
BE		29338		
BF		29322		
BG		29423		
BH		25018		
BJ		29439		
BK		29383		
BL		29636		
BM		REVISION STATUS CHANGED	HW	
BN		REVISION STATUS CHANGED	HW	
BP		REVISION STATUS CHANGED	HW	
BR		REVISION STATUS CHANGED	HW	
BS		REVISION STATUS CHANGED	HW	
BT		REVISION STATUS CHANGED	HW	
BU		REVISION STATUS CHANGED	BM	
BV		REVISION STATUS CHANGED	MB	
BW		"	MB	
BY		"	MB	RAU
BZ		REVISION STATUS CHANGED	MB	RAU
CA		REVISION STATUS CHANGED	MB	
CB		REVISION STATUS CHANGED	MB	
CC		REVISION STATUS CHANGED	AE	
CD		REVISION STATUS CHANGED	DR	RAU
CE		REVISION STATUS CHANGED	DR	

© REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	DESCRIPTION

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ± .005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN R.A. Jones 2-16-65
CHECKED [illegible]
APPROVED [illegible]
APPROVED [illegible]
APPROVED MIT [illegible]
APPROVED MSC [illegible]

NAMEPLATES
APOLLO G&N-GSE
(STANDANDS)

CODE IDENT NO. 80230
SIZE E
DWG NO. 1004260
SCALE NONE
SHEET 2 OF 5

SH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AR	AP	AR
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA			
309	K																																																
308	K																																																
307	K						B	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
306	K						B	II	NOTE 11C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	↓	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
305	K						B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	↓	.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
304	K						B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
303	K																																															
302	K																																															
301	K																																															
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA			
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687			
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687			
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687			
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687			
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA			
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA			
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA			
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.08	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	.906	.078	NA	.078	.531	.187	NA			
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA			

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES.
TYPE II IS WITH MOUNTING HOLES.

ZONE	REVISIONS DESCRIPTION	BY	CHK	DATE	APPROVED
G	REPLACES REV F WITH CHANGE PER TDRR 20854.				
H	REVISED PER TDRR 20892				
J	REVISED PER TDRR 20904				
K	REVISED PER TDRR 21379				
L	REVISED PER TDRR 21410				
M	REVISED PER TDRR 21993				
N	REVISED PER TDRR 22621				
P	REVISED PER TDRR 22671				
R	REVISED PER TDRR 22672				
S	REVISED PER TDRR 22750				
T	REVISED PER TDRR 22823				
U	REVISED PER TDRR 23072				
V	REVISED PER TDRR 23521				
W	REVISED PER TDRR 23844	RAJ			
Y	REVISED PER TDRR 24018	RAJ			
Z	REVISED PER TDRR 24040	RAJ			
AA	REVISED PER TDRR 24060	RAJ			
AB	REVISED PER TDRR 24868	RAJ			
AC	REVISED PER TDRR 24973	RAJ			
AD	REVISED PER TDRR 25065	RAJ			
AE	REVISED PER TDRR 25672	RAJ			
AF	REVISED PER TDRR 25671	RAJ			
AG	REVISED PER TDRR 26113	RAJ			
AH	REVISED PER TDRR 26372	"			
AJ	REVISED PER TDRR 26425	"			
AK	REVISED PER TDRR 26743	"			
AL	REVISED PER TDRR 26798	"			
AM	REVISED PER TDRR 27168	"			
AN	REVISED PER TDRR 27235	"			
AP	REVISED PER TDRR 27345	"			
AR	REVISED PER TDRR 27417	"			
AS	REVISED PER TDRR 27442	"			
AT	REVISED PER TDRR 27719	"			
AU	REVISED PER TDRR 27880	"			
AV	REVISED PER TDRR 27896	"			
AW	28110	"			
AY	28173	"			
AZ	28131	"			
BA	28124	"			
BB	REVISED PER TDRR 28511	"			
BC	" " " 28949	"			
BD	" " " 29222	"			
BE	" " " 29235	"			
BF	" " " 29322	"			
BG	" " " 29423	"			
BH	" " " 29449	"			
BJ	" " " 29135	"			
BK	" " " 29619	"			
BL	" " " 29696	"			
BM	REVISION STATUS CHANGED	JSD			
BN	REVISION STATUS CHANGED	JJ			
BP	REVISION STATUS CHANGED	JJ			
BR	REVISION STATUS CHANGED	JJ			
BS	REVISION STATUS CHANGED	GY			
BT	REVISION STATUS CHANGED	GW			
BU	REVISION STATUS CHANGED	EH			
BV	REVISION STATUS CHANGED	JJB			
BW	" " "	JJB			
BY	" " "	JJB			
BZ	REVISION STATUS CHANGED	JJB			
CA	REVISION STATUS CHANGED	JJB			
CB	REVISION STATUS CHANGED	REF			
CC	REVISION STATUS CHANGED	AF			
CD	REVISION STATUS CHANGED	DR			
CE	REVISION STATUS CHANGED	DR			
CF	REVISION STATUS CHANGED	DR			

(G) REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ±.005 ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE

NEXT ASSY	USED ON
APPLICATION	

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN R.G. Jones 1-10-66
CHECKED R.J. Cooper 7-22-66
APPROVED
APPROVED W.L. Taylor 9-14-66
APPROVED MIT W.L. Taylor 9-14-66
APPROVED MSC [illegible] 9-14-66 DATE

NAMEPLATES, APOLLO G&N-GSE (STANDANDS)

CODE IDENT NO 80230 SIZE E DRAWING NO. 1004260

SCALE NONE SHEET 2 OF 5

SYM	ZONE	DESCRIPTION	BY	CHK	DATE
G		REPLACES REV F WITH CHANGE PER TDRR 20854.	"		7-16-65
H		REVISED PER TDRR 20892	"		8-16-65
J		REVISED PER TDRR 20904	"		8-31-65
K		REVISED PER TDRR 21379	"		10-6-65
L		REVISED PER TDRR 21410	"		10-14-65
M		REVISED PER TDRR 21993	"	"	"
N		REVISED PER TDRR 22621	"		11-1-65
P		REVISED PER TDRR 22671	"		11-5-65
R		REVISED PER TDRR 22672	"		11-5-65
S		REVISED PER TDRR 22750	"		11-16-65
T		REVISED PER TDRR 22823	"		11-19-65
U		REVISED PER TDRR 23072	"		12-15-65
V		REVISED PER TDRR 23521	"		1-27-66
W		REVISED PER TDRR 23804	RAJ		2-3-66
Y		REVISED PER TDRR 24018	RAJ		11-16-66
Z		REVISED PER TDRR 24040	RAJ		11-19-66
AA		REVISED PER TDRR 24060	RAJ		11-23-66
AB		REVISED PER TDRR 24668	RAJ		12-22-66
AC		REVISED PER TDRR 24973	RAJ		1-4-66
AD		REVISED PER TDRR 25065	RAJ		1-18-66
AE		REVISED PER TDRR 25672	RAJ		2-4-66
AF		REVISED PER TDRR 25971	RAJ		2-4-66
AG		REVISED PER TDRR 26113	RAJ		2-15-66
AH		REVISED PER TDRR 26372	"		3-8-66
AJ		REVISED PER TDRR 26415	"		3-16-66
AK		REVISED PER TDRR 26743	"		3-16-66
AL		REVISED PER TDRR 26748	"		3-16-66
AM		REVISED PER TDRR 27169	"		4-8-66
AN		REVISED PER TDRR 27335	"		4-8-66
AP		REVISED PER TDRR 27345	"		4-8-66
AR		REVISED PER TDRR 27417	"		4-8-66
AS		REVISED PER TDRR 27442	"		4-8-66
AT		REVISED PER TDRR 27719	"		4-21-66
AU		REVISED PER TDRR 27780	"		4-21-66
AV		REVISED PER TDRR 27896	"		4-21-66
AW		28116	"		5-6-66
AY		28173	"		"
AZ		28131	"		"
BA		28134	"		"
BB		REVISED PER TDRR 28911	"		5-26-66
BC		" " " 28949	"		5-26-66
BD		" " " 29222	"		6-8-66
BE		" " " 29235	"		"
BF		" " " 29322	"		6-30-66
BG		" " " 29429	"		"
BH		" " " 29449	"		"
BJ		" " " 29335	"		"
BK		" " " 23619	"		"
BL		" " " 29396	"		"
BM		REVISION STATUS CHANGED	JSD	N.S.	7-29-66
BN		REVISION STATUS CHANGED	JJ	RLW	8-26-66
BP		REVISION STATUS CHANGED	JE	RLW	9-26-66
BR		REVISION STATUS CHANGED	JE	RLW	9-26-66
BS		REVISION STATUS CHANGED	GW	RLW	10-3-66
BT		REVISION STATUS CHANGED	GW	RLW	10-3-66
BU		REVISION STATUS CHANGED	EH		10-7-66
BV		REVISION STATUS CHANGED	JJB	RLW	10-7-66
BW		" " "	JJB	RLW	10-7-66
BY		" " "	JJB	RLW	10-7-66
BZ		REVISION STATUS CHANGED	JJB	RLW	10-7-66
CA		REVISION STATUS CHANGED	JJB	RLW	25 OCT 66
CB		REVISION STATUS CHANGED	REF	RLW	10 DEC 66
CC		REVISION STATUS CHANGED	AF	RLW	12-12-66
CD		REVISION STATUS CHANGED	DR	RLW	12-12-66
CE		REVISION STATUS CHANGED	DR	RLW	12-12-66
CF		REVISION STATUS CHANGED	DR	RLW	12-12-66
CG		REVISION STATUS CHANGED	A.N.	RLW	1-16-67

SYM	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AM	AJ	AK	AL	AM	AN	AP	AR
309	K						B	I	NOTE 11	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
309	K						B	II	NOTE 11	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.250	1.468	.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593													
307	K						B	I	NOTE 11	B2.000	1.312	1.687	.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.71	.078		.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
306	K						B	II	NOTE 11	C4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.250	.468	.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	NA	1.750	.593													
305	K						B	I	NOTE 11	B2.000	1.312	1.687	.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078		.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
304	K						B	II	NOTE 11	C2.000	1.312	1.687	.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
303	K																																														
302	K																																														
301	K																																														
300	K	OPTICAL UNIT		NA	NA	NA	A		NOTE 11	B2.000	1.312	.75	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.540	NA	.265	NA	NA	NA	1.375	.5	NA	NA	NA	NA	NA	.375	NA	NA	NA	.50	NA	.8	NA	NA	NA			
9	K	2 IN AUTOCOLLIMATOR		100 702			B	II	NOTE 11	C4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	.500	.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	.062	3.812	.156	NA	.156	1.062	.375	NA					
8	K	" IN AUTOCOLLIMATOR		IC 7410			B	II	NOTE 11	C4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	.500	.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	.062	3.812	.156	NA	.156	1.062	.375	NA					
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11	C4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	.500	.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	.062	3.812	.156	NA	.156	1.062	.375	NA					
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11	C4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	.500	.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	.062	3.812	.156	NA	.156	1.062	.375	NA					
5	K	RETROREFLECTING PRISM ASSEMBLY		1019A40			B		NOTE 11	B4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	.500	.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	.062	3.812	.156	NA	.156	1.062	.375	NA					
4	K	SYNCHRONIZER ASSEMBLY		1C19856			B		NOTE 11	B4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	.062	3.812	.156	NA	.156	1.062	.375	NA					
3	K	REFLECTILE MIRROR		1001767			B		NOTE 11	B3.000	1.312	1.906	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA					
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11	B2.000	1.312	1.906	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA					
1	K	2 IN AUTOCOLLIMATOR		100 702			B	I	NOTE 11	B2.000	1.312	1.906	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA					
35C	K	ALIGNMENT OPTICAL TELESCOPE (CEV)			NA	NA	A	I	NOTE 11	B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA				

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES.

Ⓖ REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO
			LIST OF MATERIALS	

AS APPLICABLE

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± —— DECIMALS ± —— ANGLES ± ——
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB
CAMBRIDGE MASS

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	[illegible]	7-16-65
CHECKED	[illegible]	7-22-65
APPROVED		
APPROVED	[illegible]	7-26-65
APPROVED MIT	[illegible]	7-26-65
APPROVED MSC	[illegible]	7-26-65

NAMEPLATES, T
APOLLO G&N-GSE
(STANDANDS)

CODE IDENT NO	SIZE	DRAWING NO.
80230	E	1004260

DATE 5/4/65 NONE SHEET 2 OF 6

DASH NO.	QTY PER ASSY	PART NAME	REMARKS	PART NO.	SER NO.	CONT NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
309	K																																															
308	K																																															
307	K																																															
306	K						B	I	NOTE 11 B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
305	K						B	II	NOTE 11 C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	↓	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
304	K						B	I	NOTE 11 B	2.000	1.312	1.687	.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	↓	.718	1.375	.187	NA	NA	.048	.031	.875	.320	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
303	K						B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
302	K																																															
301	K																																															
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11 B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	2.8	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	4.372	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687	NA
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	4.372	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687	NA
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	4.372	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687	NA
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11 C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	4.372	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687	NA
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	4.372	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA	NA
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11 B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	4.372	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA	NA
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.750	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	.906	.078	NA	.078	.531	.187	NA	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.750	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	.906	.078	NA	.078	.531	.187	NA	NA
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.750	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	.906	.078	NA	.078	.531	.187	NA	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM.
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES.

KOLLSMAN DASH NUMBERS

ZONE	DESCRIPTION	BY	CHK	APP
G	REPLACES REV F WITH CHANGE PER TDRR 20856			
H	REVISED PER TDRR 20892			
J	REVISED PER TDRR 20906			
K	REVISED PER TDRR 21375			
L	REVISED PER TDRR 21410			
M	REVISED PER TDRR 21993			
N	REVISED PER TDRR 22621			
P	REVISED PER TDRR 22671			
R	REVISED PER TDRR 22672			
S	REVISED PER TDRR 22780			
T	REVISED PER TDRR 22825			
U	REVISED PER TDRR 23072			
V	REVISED PER TDRR 23521			
W	REVISED PER TDRR 23894			
Y	REVISED PER TDRR 24018			
Z	REVISED PER TDRR 24040	RAJ		
AA	REVISED PER TDRR 24060	RAJ		
AB	REVISED PER TDRR 24466	RAJ		
AC	REVISED PER TDRR 24973	RAJ		
AD	REVISED PER TDRR 25065	RAJ		
AE	REVISED PER TDRR 25672	RAJ		
AF	REVISED PER TDRR 25671	RAJ		
AG	REVISED PER TDRR 2619	RAJ		
AH	REVISED PER TDRR 26372			
AJ	REVISED PER TDRR 26423			
AK	REVISED PER TDRR 26743			
AL	REVISED PER TDRR 26798			
AM	REVISED PER TDRR 27168			
AN	REVISED PER TDRR 27235			
AP	REVISED PER TDRR 27345			
AR	REVISED PER TDRR 27417			
AS	REVISED PER TDRR 27442			
AT	REVISED PER TDRR 27719			
AU	REVISED PER TDRR 27980			
AV	REVISED PER TDRR 27996			
AW	28110			
AY	28178			
AZ	28197			
BA	28124			
BB	REVISED PER TDRR 28511			
BC	" " " 28949			
BD	" " " 29222			
BE	" " " 29235			
BF	" " " 29322			
BG	" " " 29425			
BH	" " " 29445			
BJ	" " " 29335			
BK	" " " 29619			
BL	" " " 29696			
BM	REVISION STATUS CHANGED	JSD	NLS	
BN	REVISION STATUS CHANGED	JJF	RLW	
BP	REVISION STATUS CHANGED	JJF	RLW	
BR	REVISION STATUS CHANGED	GW	RLW	
BT	REVISION STATUS CHANGED	GW	RLW	
BU	REVISION STATUS CHANGED	LEM	RLW	
BV	REVISION STATUS CHANGED	JJB	RLW	
BW				
BY	" " "	JJB	RLW	
CZ	REVISION STATUS CHANGED	JJB	RLW	
CA	REVISION STATUS CHANGED	JJB	RLW	
CB	REVISION STATUS CHANGED	JJB	RLW	
CC	REVISION STATUS CHANGED	AF	RLW	
CD	REVISION STATUS CHANGED	DR	RLW	
CE	REVISION STATUS CHANGED	DR	RLW	
CF	REVISION STATUS CHANGED	DR	RLW	
CG	REVISION STATUS CHANGED	AW	RLW	
CH	REVISION STATUS CHANGED	JJB	RLW	

© REPLACES REV F WITH CHANGE

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. CAPACITOR VALUES ARE IN μf. RESISTOR VALUES ARE IN OHMS. TOLERANCES ON FRACTIONS ±—, DECIMALS ANGLES ±—, .XXX ±.005. DO NOT SCALE THIS DRAWING.

MATERIAL: SEE NOTE 11

AS APPLICABLE: HEAT ABSY / WIRED ON APPLICATION

MIT INSTRUMENTATION LAB CAMBRIDGE MASS.

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN E.C. Lynch 7-15-66
CHECKED R.J. Lynch 7-22-66
APPROVED
APPROVED W. Hopkins 7/25/66
APPROVED MIT W. Hopkins 7/25/66
APPROVED MSC [illegible] DATE

NAMEPLATE, LT APOLLO GEN SYS (STANDARDS)

CODE IDENT NO. 90230
SIZE E
DRAWING NO. 1004260
SCALE NONE
SHEET 1 OF 2

QTY PER ASSY	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION
			LIST OF MATERIALS

ITEM	ZONE	DESCRIPTION	BY	CHK	APP	DATE
G		REPLACES REV F WITH CHANGE PER TDRR 20898.				
H		REVISED PER TDRR 20892				
J		REVISED PER TDRR 20902				
K		REVISED PER TDRR 21377				
L		REVISED PER TDRR 21410				
M		REVISED PER TDRR 21933				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22825				
U		REVISED PER TDRR 23072				
V		REVISED PER TDRR 23521				
W		REVISED PER TDRR 23848				
Y		REVISED PER TDRR 24018				
Z		REVISED PER TDRR 24040				
AA		REVISED PER TDRR 24060				
AB		REVISED PER TDRR 24868				
AC		REVISED PER TDRR 24973				
AD		REVISED PER TDRR 25065				
AE		REVISED PER TDRR 25672				
AF		REVISED PER TDRR 25671				
AG		REVISED PER TDRR 26117				
AH		REVISED PER TDRR 26372				
AJ		REVISED PER TDRR 26425				
AK		REVISED PER TDRR 26743				
AL		REVISED PER TDRR 26758				
AM		REVISED PER TDRR 27188				
AN		REVISED PER TDRR 27236				
AP		REVISED PER TDRR 27345				
AR		REVISED PER TDRR 27417				
AS		REVISED PER TDRR 27442				
AT		REVISED PER TDRR 27719				
AU		REVISED PER TDRR 27880				
AV		REVISED PER TDRR 27896				
AW		28110				
AY		28173				
AZ		28131				
BA		28124				
BB		REVISED PER TDRR 28511				
BC		" " " 28949				
BD		" " " 29222				
BE		" " " 29235				
BF		" " " 29322				
BS		" " " 29423				
BH		" " " 29449				
BJ		" " " 29335				
BK		" " " 29619				
BL		" " " 29696				
BM		REVISION STATUS CHANGED	JSD	NS		
BN		REVISION STATUS CHANGED	JSD	RW		
BP		REVISION STATUS CHANGED	JSD	RW		
BR		REVISION STATUS CHANGED	JSD	RW		
BS		REVISION STATUS CHANGED	KW	RW		
BT		REVISION STATUS CHANGED	KW	RW		
BU		REVISION STATUS CHANGED	EH			
BV		REVISION STATUS CHANGED	JSD	RW		
BW						
BY		" " "	JSD	RW		
BZ		REVISION STATUS CHANGED	JSD	RW		
CA		REVISION STATUS CHANGED	JSD	RW		
CB		REVISION STATUS CHANGED	JSD	RW		
CC		REVISION STATUS CHANGED	AE	AD		
CD		REVISION STATUS CHANGED	DR	RW		
CE		REVISION STATUS CHANGED	DR	RW		
CF		REVISION STATUS CHANGED	JSD	RW		
CG		REVISION STATUS CHANGED	AH	RW		
CH		REVISION STATUS CHANGED	JSD	RW		
CJ		REVISION STATUS CHANGED	JSD	RW		

ITEM NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AR	AP	AR
309	K																																														
308	K																																															
307	K																																														
306	K																																														
305	K																																														
304	K																																														
303	K																																														
302	K																																														
301	K																																														
300	K	OPTICAL UNIT		NA	NA	NA	A		NOTE II B	2.000	1.312	.875	NA	NA	.048	.078	NA	NA	NA	.090	.812	.875	.562	.940	NA	.265	NA	NA	NA	1.375	.56	NA	NA	NA	NA	NA	.375	NA	NA	NA	.190	NA	.078	NA	NA	NA
9	K	2 IN AUTOCOLLIMATOR		100 702			B	I	NOTE II C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.265	1.500	1.187	.906	2.031	.093	.375	.56	1.750	.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	5.687
8	K	4 IN AUTOCOLLIMATOR		1017410			B	II	NOTE II C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.265	1.500	1.187	.906	2.031	.093	.375	.56	1.750	.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	5.687
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE II C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.265	1.500	1.187	.906	2.031	.093	.375	.56	1.750	.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	5.687
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE II C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.56	1.750	.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	5.687
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE II B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.56	1.750	.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE II B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.56	1.750	.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
3	K	REFRENCE MIRROR		1001767			B	I	NOTE II B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	.906	.078	NA	.078	.531	.187	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE II B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	.906	.078	NA	.078	.531	.187	NA
1	K	2 IN AUTOCOLLIMATOR		100 703			B	I	NOTE II B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT.
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES.

⑥ REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION
			LIST OF MATERIALS

AS APPLICABLE

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB
CAMBRIDGE MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	E.A. Tone	7-16-66
CHECKED	B.J. Cooper	7-22-66
APPROVED		
APPROVED	W.H. Hopkins	7-26-66
APPROVED MIT	W.H. Hopkins	7-26-66
APPROVED MSC		DATE

NAMEPLATE
APOLLO G&N-CSM
(STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260 | SCALE NONE

ASH INC.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
309	K							B	I	NOTE 11	B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
308	K							B	II	NOTE 11	C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	↑	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
307	K							B	I	NOTE 11	B	2.000	1.312	1.687	.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	↓	.718	1.375	.187	NA	NA	.048	.031	.875	.320	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
306	K							B	II	NOTE 11	C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
305	K																																															
304	K																																															
303	K																																															
302	K																																															
301	K																																															
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11	B	2.000	1.312	.875	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.875	.540	.940	NA	.265	NA	NA	NA	NA	1.375	.516	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11	C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
8	K	5 IN AUTOCOLLIMATOR		1007410			B	II	NOTE 11	C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
7	K	2½ IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11	C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
6	K	2½ IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11	C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11	B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
4	K	S/H SIMULATOR ASSEMBLY		1019856			B	I	NOTE 11	B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11	B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11	B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
1	K	2 IN AUTOCOLLIMATOR		100 702			B	I	NOTE 11	B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
350	K	ALIGNMENT OPTICAL TELESCOPE (EM)		NA	NA	NA	A	I	NOTE 11	B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES.

SYM	ZONE	REVISIONS DESCRIPTION	BY	CHK	DATE
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			
H		REVISED PER TDRR 20892			
J		REVISED PER TDRR 20904			
K		REVISED PER TDRR 21379			
L		REVISED PER TDRR 21410			
M		REVISED PER TDRR 21993			
N		REVISED PER TDRR 22621			
P		REVISED PER TDRR 22671			
R		REVISED PER TDRR 22672			
S		REVISED PER TDRR 22756			
T		REVISED PER TDRR 22823			
U		REVISED PER TDRR 23072			
V		REVISED PER TDRR 23521			
W		REVISED PER TDRR 23804	RAJ		11-9-65
Y		REVISED PER TDRR 24018	RAJ		11-16-65
Z		REVISED PER TDRR 24040	RAJ		11-19-65
AA		REVISED PER TDRR 24060	RAJ		11-19-65
AB		REVISED PER TDRR 24668	RAJ		12-20-65
AC		REVISED PER TDRR 24973	RAJ		1-4-66
AD		REVISED PER TDRR 25065	RAJ		1-18-66
AE		REVISED PER TDRR 25672	RAJ		2-4-66
AF		REVISED PER TDRR 25771	RAJ		2-4-66
AG		REVISED PER TDRR 26173	RAJ		2-15-66
AH		REVISED PER TDRR 26372	"		3-16-66
AJ		REVISED PER TDRR 26425	"		3-16-66
AK		REVISED PER TDRR 26743	"		3-16-66
AL		REVISED PER TDRR 26798	"		3-16-66
AM		REVISED PER TDRR 27168	"		4-8-66
AN		REVISED PER TDRR 27235	"		4-8-66
AP		REVISED PER TDRR 27345	"		4-8-66
AR		REVISED PER TDRR 27417	"		4-8-66
AS		REVISED PER TDRR 27442	"		4-8-66
AT		REVISED PER TDRR 27719	"		4-21-66
AU		REVISED PER TDRR 27780	"		4-21-66
AV		REVISED PER TDRR 27896	"		4-21-66
AW		28116	"		
AY		28173	"		
AZ		28131	"		
BA		28124	"		
BB		REVISED PER TDRR 28111	"		5-6-66
BC		" " " 28549	"		5-24-66
BD		" " " 29222	"		6-8-66
BE		" " " 29235	"		
BF		" " " 29322	"		8-30-66
BG		" " " 29429	"		
BH		" " " 29449	"		
BJ		" " " 29535	"		
BK		" " " 29619	"		
BL		" " " 29696	"		
BM		REVISION STATUS CHANGED	JSD	NS	7-29-66
BN		REVISION STATUS CHANGED	JT	RW	
BP		REVISION STATUS CHANGED	JT	RW	
BR		REVISION STATUS CHANGED	JT	RW	
BS		REVISION STATUS CHANGED	RW	RW	
BT		REVISION STATUS CHANGED	GW	RW	
BU		REVISION STATUS CHANGED	EH		
BV		REVISION STATUS CHANGED	JJB	RW	
BW		" " "	JJB	RW	
BY		" " "	JJB	RW	
BZ		REVISION STATUS CHANGED	JJB	RW	
CA		REVISION STATUS CHANGED	JJB	MW	25 OCT
CB		REVISION STATUS CHANGED	MEF	MW	
CC		REVISION STATUS CHANGED	AF	MW	
CD		REVISION STATUS CHANGED	DR	RW	
CE		REVISION STATUS CHANGED	DR	RW	
CF		REVISION STATUS CHANGED	BWH	RW	
CG		REVISION STATUS CHANGED	A.H.	CHK	
CH		REVISION STATUS CHANGED	J.S.	MW	
CJ		REVISION STATUS CHANGED	JJB	MW	
CK		REVISION STATUS CHANGED	DG	RW	

(G) REPLACES REV F WITH CHANGE

KOLLSMAN DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO	MATERIAL (★ NOTES)	NOMENCLATURE OR DESCRIPTION	REF DES

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μF
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± —
DECIMALS ± .005
ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN R. Howe 7-16-66
CHECKED [illegible] 7-22-66
APPROVED [illegible]
APPROVED W. Taylor 7-26-66
APPROVED MIT W. Taylor 7-26-66
APPROVED MSC [illegible] 7-26-66

NAMEPLATES, ... APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | DATE | SHEET 2 OF 6

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DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
21	R																																														
20	R	NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19	R	NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18	R	NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	.093	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
17	P	NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
16	P	NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	
269	P									
268	R									
257	R	AUXILIARY CALIBRATION CONSOLE		2014059-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW
256		AGC CALIBRATION CONSOLE		2014049-021						
255		AGC HANDLING FIXTURE		2014282-021				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW
254		DRAWER ASSY COMP. SIMULATOR		2014048-011				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW
253		SHIPPING KIT ASSY, NAV DSKY		2016312-011						
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011						
251		ELECTRONIC KIT ASSY, MAIN DSKY		2016313-011				II	NOTE 11C	
250		AMPLIFIER, REWORK		2014386				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW
249		TEMP MONITOR ASSY		2014313-011					NOTE 11C	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW
248		AGC JUNCTION ASSY		2014341-011					NOTE 11B	
247		AC INPUT PANEL ASSY		2014302-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW
246		SELF TEST ASSY		2014392-011						
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA		B	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11B	
243										
242										
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	1	NOTE 11B	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW
240	R	SELF TEST ASSEMBLY		2014366-011	NA		B	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW
239		POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW
238		AC INPUT PANEL ASSY		2014043-011						
237		POWER CONTROL ASSY		2014079-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW
236		DRAWER ASSY-X Y INTERFACE		2014040-011						
235		DRAWER ASSY RDC INTERFACE		2014045-011						
234		BUFFER CIRCUIT ASSY		2014254-011						
233		CONTROL & INTERFACE ASSY		2014204-011						
232		POWER CONTROL ASSY		2014044-011						
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW
230		CONNECTOR INTERFACE ASSY		2014272-011						
229		CONNECTOR INTERFACE ASSY		2014047-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW
228		ANTENNA TUNING CAPACITOR ASSY		2014209-011						
227		MOUNTING FIXTURE ASSY		2014006-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW
226		POWER SUPPLY ASSY 3 VDC		2014234-011						
225		PANEL ASSY — SIGNAL INTERFACE		2014010-011						
224		OSCILLOSCOPE ASSY		2014232-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW
223		AUXILIARY OUTLET ASSY		2014274-011						
222		FREQUENCY OUNTER		2014233-011						
221		POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011						
220		LOGIC DRAWER ASSY NO. 2		2014037-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW
219		LOGIC DRAWER ASSY NO. 1		2014036-011						
218		COUNTER, ELECTRICAL ASSY		2014288-011						
217		POWER SUPPLY ASSY		2014279-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW
216		TEST MOUNT ASSY		2014257-011						
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011						
214		MAIN DSKY PEDESTAL MOUNT		2014343				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE 11C	
212		NAV DSKY		1006231						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW
211		AGC		1006230						
210		UNIVERSAL DSKY		1006622						
209		SHIPPING CONTAINER, AGC		1006621				II	NOTE 11C	
208		UNIVERSAL DSKY HANDLING FIXTURE		2014013-011				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW
207		NAV DSKY HANDLING FIXTURE		1014377						
206		MAIN DSKY HANDLING FIXTURE		1014334						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE 11B	
204		OPERATION CONSOLE		2014024-011				II	NOTE 11C	
203		COMPUTER TEST SET		2014042-011		NAS-9-497				
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011		FNA12775				FOR DIMENSIONS, SEE DASH 18 VALUES BELOW
201		AUXILIARY CALIBRATION CONSOLE		2014059-011		NAS-9-497				
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE 11C	

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7-14-67	
H		REVISED PER TDRR 20892			7-26-67	
J		REVISED PER TDRR 20904			8-9-67	
K		REVISED PER TDRR 21379			9-20-67	
L		REVISED PER TDRR 21410			10-4-67	
M		REVISED PER TDRR 21993			12-4-67	
N		REVISED PER TDRR 22621			1-8-68	
P		REVISED PER TDRR 22671			1-11-68	
R		REVISED PER TDRR 22672			1-11-68	
S		REVISED PER TDRR 22750			1-19-68	
T		REVISED PER TDRR 22823			1-29-68	
U		REVISED PER TDRR 23072			4-11-68	
V		REVISED PER TDRR 23521			6-26-68	
W		REVISED PER TDRR 23824	RAJ		7-26-68	
Y		REVISED PER TDRR 24018	RAJ		9-6-68	
Z		REVISED PER TDRR 24040	RAJ		9-9-68	
(W) AA		REVISED PER TDRR 24060	RAJ		9-17-68	
(2) AB		REVISED PER TDRR 24868	RAJ		12-26-68	
(3) AC		REVISED PER TDRR 24973	RAJ		1-14-69	
(4) AD		REVISED PER TDRR 25065	RAJ		1-30-69	
AE		REVISED PER TDRR 25672	RAJ		2-4-69	
(5) AF		REVISED PER TDRR 25671	RAJ		2-4-69	
AG		REVISED PER TDRR 26110	RAJ		2-17-69	
AH		REVISED PER TDRR 26372	"		3-6-69	
AJ		REVISED PER TDRR 26425	"		3-6-69	
AK		REVISED PER TDRR 26743	"		3-19-69	
(6) AL		REVISED PER TDRR 26798	"		3-19-69	
AM		REVISED PER TDRR 27168	"		4-8-69	
AN		REVISED PER TDRR 27235	"		4-8-69	
AP		REVISED PER TDRR 27345	"		4-8-69	
AR		REVISED PER TDRR 27417	"		4-8-69	
AS		REVISED PER TDRR 27443	"		4-8-69	

THIS SHEET ADDED

(6) REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± DECIMALS ±.005 ANGLES ±—
DO NOT SCALE THIS DRAWING

MATERIAL: SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN	A. Q. Jones	7-16-65
CHECKED	R. J. Lampe	7-22-65
APPROVED		
APPROVED	W. Hopkins	7/26/65
APPROVED MIT	W. Hopkins	7/26/65
APPROVED MSC		

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260

DATE | SCALE NONE | SHEET 3 OF 3

1004260 B

REVISIONS						
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/24/67	WK

299	R
298	R
201	R
200	R
21	R
20	R
19	R
18	R
17	R
16	R
15	R

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
20	R	NA		NA	NA	NA	A	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093 +.005 -.015	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19	R	NA		NA	NA	NA	A	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18	R	NA		NA	NA	NA	B	II	NOTE 11 C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	.125 +.005 -.015	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
17	R	NA		NA	NA	NA	B	I	NOTE 11 B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
16	R	NA		NA	NA	NA	B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093 +.005 -.015	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	R	NA		NA	NA	NA	B	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.716	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

THIS SHEET ADDED

(G) REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ± — ANGLES ± —
.XX ±.005
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	T. A. Jones	7-1966
CHECKED	A. J. Troupe	7-22-66
APPROVED		
APPROVED	W. Hopkins	7/25/67
APPROVED MIT	W. Hopkins	7/25/67
APPROVED MSC		

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260 | SHEET 3 OF 5 | SCALE NONE | DATE

1004260 G

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SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/24/65	WK
H		REVISED PER TDRR 20892			7/26/65	WK
J		REVISED PER TDRR 20904			8/24/65	WK

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
299	R																																														
298	R																																															
201	R																																														
200	R																																														
21	R																																														
20	R	NA		NA	NA	NA	A	II	NOTE 11	C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	$^{.098}_{.088}$	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19	R	NA		NA	NA	NA	A	I	NOTE 11	B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18	R	NA		NA	NA	NA	B	II	NOTE 11	C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	$^{.135}_{.115}$	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
17	R	NA		NA	NA	NA	B	I	NOTE 11	B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
16	R	NA		NA	NA	NA	B	I	NOTE 11	B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
15	R	NA		NA	NA	NA	B	II	NOTE 11	C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	$^{.098}_{.088}$	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

THIS SHEET ADDED

(6) REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ± .005 ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN R. A. Jones 7-16-65
CHECKED R. J. Cooper 7-22-65
APPROVED
APPROVED W. Wrigley 7/24/65

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

APPROVED MIT W. Wrigley 7/26/65
APPROVED MSC

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260
DATE | SCALE NONE | SHEET 3 OF 4

1004260 J

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SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/24/65	WK
H		REVISED PER TDRR 20892			9/24/65	WK
J		REVISED PER TDRR 20904			11/4/65	WK
K		REVISED PER TDRR 21379			6/6/65	C/C

21768

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
299	R																																													
298	R																																													
250																																														
249																																														
248																																														
247																																														
246																																														
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA	FNP-12775	B	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						NOT APPLICABLE
244	R	TAPE READER ASSEMBLY		2014038-011	NA		B	I	NOTE 11B																																					
243																																														
242																																														
241																																														
240	R	SELF TEST ASSEMBLY		2014366-011	NA	FNP-12775	B	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						NOT APPLICABLE
239		POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																						
238		AC INPUT PANEL ASSY-C.T.S.		2014043-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
237		POWER CONTROL ASSY		2014079-011																																											
236		DRAWER ASSY-XY INTERFACE		2014040-011																																										
235		DRAWER ASSY RDC INTERFACE		2014045-011																																										
234		BUFFER CIRCUIT ASSY		2014254-011																																										
233		CONTROL & INTERFACE ASSY		2014204-011																																										
232		POWER CONTROL ASSY		2014044-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																						
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
230		CONNECTOR INTERFACE ASSY		2014272-011																																										
229		CONNECTOR INTERFACE ASSY		2014047-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																						
228		ANTENNA TUNING CAPACITOR ASSY		2014209-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
227		MOUNTING FIXTURE ASSY		2014006-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																						
226		POWER SUPPLY ASSY 3 VDC		2014234-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
225		PANEL ASSY-SIGNAL INTERFACE		2014010-011																																										
224		OSCILLOSCOPE ASSY		2014232-011																																										
223		AUXILIARY OUTLET ASSY		2014274-011																																										
222		FREQUENCY COUNTER		2014233-011																																										
221		POWER SUPPLY ASSY 10,13, 28 VDC		2014235-011																																										
220		LOGIC DRAWER ASSY NO. 2		2014037-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																						
219		LOGIC DRAWER ASSY NO. 1		2014036-011																																										
218		COUNTER, ELECTRICAL ASSY		2014288-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
217		POWER SUPPLY ASSY		2014279-011																																										
216		TEST MOUNT ASSY		2014257-011																																										
215		UNIVERSAL DSKY PEDESTAL MOUNT, BLOCK II		2014014-011				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																						
214		MAIN DSKY PEDESTAL MOUNT, BLOCK I & 100		2014343																																										
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																						
212		NAV DSKY		1006231																																										
211		AGC, BLOCK I & 100		1006230																																										
210		UNIVERSAL DSKY		1006422																																										
209		SHIPPING CONTAINER, AGC BLOCK II		1006421				II	NOTE 11C																																						
208		UNIVERSAL DSKY HANDLING FIXTURE		2014013-011				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
207		NAV DSKY HANDLING FIXTURE		1014377						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																						
206		MAIN DSKY HANDLING FIXTURE		1014334																																										
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE 11B																																						
204		OPERATION CONSOLE		2014024-011				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																						
203		COMPUTER TEST SET		2014042-011																																										
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011																																										
201		AUXILIARY CALIBRATION CONSOLE		2014059-011		FNP-12775																																									
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE 11C																																						
21	R									2.000	1.312	1.687	1.375	.078	.031	.078	.093	+.005 -.015	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
20	R	NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
19	R	NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18	R	NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	+.005 -.015	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
17	R	NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
16	R	NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	+.005 -.015	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

RAYTHEON DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

THIS SHEET ADDED
⑥ REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
AS APPLICABLE		SEE NOTE 11		

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS ±, DECIMALS ±.005, ANGLES ±—
DO NOT SCALE THIS DRAWING

NEXT ASSY | USED ON | APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN R. G. Jones 7-16-65
CHECKED D. J. Lang 7-22-65
APPROVED [illegible] 7/24/65
APPROVED [illegible] 7/24/65
APPROVED MIT [illegible] 7/26/65
APPROVED MSC [illegible] 7/26/65

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260 | SHEET 3 OF 5
DATE | SCALE NONE

1004260K

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REVISIONS						02768
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/1/65	
H		REVISED PER TDRR 20892			7/26/65	
J		REVISED PER TDRR 20904			8/18/65	
K		REVISED PER TDRR 21379			9/9/65	
L		REVISED PER TDRR 21410			9/29/65	

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
21	R																																														
20	R	NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093 TYP	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19	R	NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18	R	NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	.125 TYP	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
17	R	NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
16	R	NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093 TYP	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA	FNP - 12775	B	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
244	R	TAPE READER ASSEMBLY		2014038-011	NA	12775	B	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
243																																															
242																																															
241																																															
240	R	SELF TEST ASSEMBLY		2014366-011	NA	FNP - 12775	B	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
239	R	POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
238		AC INPUT PANEL ASSY-C.T.S.		2014043-011																																												
237		POWER CONTROL ASSY		2014079-011																																												
236		DRAWER ASSY - X Y INTERFACE		2014040-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
235		DRAWER ASSY RDC INTERFACE		2014045-011																																												
234		BUFFER CIRCUIT ASSY		2014254-011																																											
233		CONTROL & INTERFACE ASSY		2014204-011																																											
232		POWER CONTROL ASSY		2014044-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
230		CONNECTOR INTERFACE ASSY		2014272-011																																												
229		CONNECTOR INTERFACE ASSY		2014047-011																																											
228		ANTENNA TUNING CAPACITOR ASSY		2014209-011																																											
227		MOUNTING FIXTURE ASSY		2014006-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
226		POWER SUPPLY ASSY 3 VDC		2014234-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
225		PANEL ASSY - SIGNAL INTERFACE		2014010-011																																											
224		OSCILLOSCOPE ASSY		2014232-011																																											
223		AUXILIARY OUTLET ASSY		2014274-011																																											
222		FREQUENCY COUNTER		2014233-011																																											
221		POWER SUPPLY ASSY 10,13, 28 VDC		2014235-011																																											
220		LOGIC DRAWER ASSY NO. 2		2014037-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
219		LOGIC DRAWER ASSY NO. 1		2014036-011																																											
218		COUNTER, ELECTRICAL ASSY		2014288-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
217		POWER SUPPLY ASSY		2014279-011																																												
216		TEST MOUNT ASSY		2014257-011																																											
215		UNIVERSAL DSKY PEDESTAL MOUNT, BLOCK II		2014014-011																																											
214		MAIN DSKY PEDESTAL MOUNT, BLOCK I & 100		2014343				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE 11C																																							
212		NAV DSKY		1006231						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
211		AGC, BLOCK I & 100		1006230																																											
210		UNIVERSAL DSKY		1006622																																											
209		SHIPPING CONTAINER, AGC BLOCK II		1006421				II	NOTE 11C																																							
208		UNIVERSAL DSKY HANDLING FIXTURE		2014013-011				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
207		NAV DSKY HANDLING FIXTURE		1014377																																											
206		MAIN DSKY HANDLING FIXTURE		1014334						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE 11B																																							
204		OPERATION CONSOLE		2014024-011				II	NOTE 11C																																							
203		COMPUTER TEST SET		2014042-011						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011																																											
201		AUXILIARY CALIBRATION CONSOLE		2014059-011		FNP - 12775																																										
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE 11C																																							

NOT APPLICABLE

NOT APPLICABLE

THIS SHEET ADDED

© REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS DECIMALS ANGLES ± —— ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL: SEE NOTE 11

AS APPLICABLE — NEXT ASSY — USED ON — APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN R. A. Jones 7-1965
CHECKED R. J. Kemp 7-22-65
APPROVED
APPROVED W. Hyder 7/26/65
APPROVED MIT W. Hyder 7/26/65
APPROVED MSC [illegible] 10/4/65

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260 | SHEET 3 OF 5 | SCALE NONE | DATE

1004260

NOTICE: THIS DRAWING OR SPECIFICATION (OR COPY) MEETS THE APPLICABLE EXPORT CONTROL REGULATIONS. IT SHOULD NOT BE RELEASED WITHOUT APPROPRIATE AUTHORIZATION. THE UNITED STATES GOVERNMENT AND ITS AGENCIES SHALL BE EXEMPT FROM ALL LIABILITY FOR ANY VIOLATIONS OF THESE REGULATIONS. THIS NOTICE SHALL BE INCLUDED ON ANY REPRODUCTIONS, IN WHOLE OR IN PART, OF THIS DRAWING OR SPECIFICATION (OR COPY) AND SHALL BE ADDED TO ANY DRAWING OR SPECIFICATION (OR COPY) WHICH INCORPORATES THE MATERIAL SET FORTH IN THIS DRAWING OR SPECIFICATION (OR COPY).

SYM	ZONE	REVISIONS DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/16/65	
H		REVISED PER TDRR 20892			9/16/65	
J		REVISED PER TDRR 20904			12/8/65	
K		REVISED PER TDRR 21379			3/9/66	
L		REVISED PER TDRR 21410			4/7/66	
M		REVISED PER TDRR 21993			10/7	
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671			7/11	
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823			10/10/66	

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
299	R																																														
298	R																																															
250																																															
249																																															
248																																															
247																																															
246																																															
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA	FNP-12775	B	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
244	R	TAPE READER ASSEMBLY		2014038-011	NA		B	I	NOTE 11B																																								
243																																															
242																																															
241																																															
240	R	SELF TEST ASSEMBLY		2014366-011	NA	FNP-12775	B	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
239		POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
238		AC INPUT PANEL ASSY-C,T,S.		2014043-011																																												
237		POWER CONTROL ASSY		2014079-011																																												
236		DRAWER ASSY-XY INTERFACE		2014040-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
235		DRAWER ASSY RDC INTERFACE		2014045-011																																											
234		BUFFER CIRCUIT ASSY		2014254-011																																											
233		CONTROL & INTERFACE ASSY		2014204-011																																											
232		POWER CONTROL ASSY		2014044-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011																																											
230		CONNECTOR INTERFACE ASSY		2014272-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
229		CONNECTOR INTERFACE ASSY		2014047-011																																											
228		ANTENNA TUNING CAPACITOR ASSY		2014209-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
227		MOUNTING FIXTURE ASSY		2014006-011																																											
226		POWER SUPPLY ASSY 5 VDC		2014234-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
225		PANEL ASSY-SIGNAL INTERFACE		2014010-011																																											
224		OSCILLOSCOPE ASSY		2014232-011																																											
223		AUXILIARY OUTLET ASSY		2014274-011																																											
222		FREQUENCY COUNTER		2014233-011																																											
221		POWER SUPPLY ASSY 10,13, 28 VDC		2014235-011																																											
220		LOGIC DRAWER ASSY NO. 2		2014037-011						NOT APPLICABLE																																								
219		LOGIC DRAWER ASSY NO. 1		2014036-011																																											
218		COUNTER, ELECTRICAL ASSY		2014288-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
217		POWER SUPPLY ASSY		2014279-011																																												
216		TEST MOUNT ASSY		2014257-011																																											
215		UNIVERSAL DSKY PEDESTAL MOUNT, BLOCK II		2014014-011				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
214		MAIN DSKY PEDESTAL MOUNT, BLOCK I & 100		2014343																																												
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
212		NAV DSKY		1006231																																											
211		AGC, BLOCK I & 100		1006230																																											
210		UNIVERSAL DSKY		1006422																																											
209		SHIPPING CONTAINER, AGC BLOCK II		1006421				II	NOTE 11C																																							
208		UNIVERSAL DSKY HANDLING FIXTURE		2014613-011				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
207		NAV DSKY HANDLING FIXTURE		1014377						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
206		MAIN DSKY HANDLING FIXTURE		1014334																																											
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE 11B																																							
204		OPERATION CONSOLE		2014024-011				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
203		COMPUTER TEST SET		2014042-011																																											
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011																																											
201		AUXILIARY CALIBRATION CONSOLE		2014059-011		FNP-12775																																										
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE 11C																																							
21	R	NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.125	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
20	R	NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
19	R	NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	.125	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
18	R	NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
17	R	NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
16	R	NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.125	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ± .005 ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN R. A. Jones 7-16-65
CHECKED R. J. Engelbrecht
APPROVED
APPROVED
APPROVED MIT
APPROVED MSC
DATE

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 5 OF 5

1004260T

REVISIONS					0276 F
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/1/65	
H		REVISED PER TDRR 20892			7/15/65	
J		REVISED PER TDRR 20904			7/15/65	
K		REVISED PER TDRR 21379			8/27/65	
L		REVISED PER TDRR 21410			8/27/65	
M		REVISED PER TDRR 21993			10/5/65	
N		REVISED PER TDRR 22621			11/5	
P		REVISED PER TDRR 22671			11/	
R		REVISED PER TDRR 22672			11/	
S		REVISED PER TDRR 22750			12/10/65	
T		REVISED PER TDRR 22823			1/3/66	
U		REVISED PER TDRR 23072			3/15/66	
V		REVISED PER TDRR 23521			5/26/66	

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
299	R																																														
298	R																																														
250																																															
249	R	TEST MONITOR ASSY		2014313-011	NA	FNP-12775	B	I	NOTE 11 C	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
248	↑	AGC JUNCTION ASSY		2014341-011	↑	↑	↑	↑	NOTE 11 B																																							
247	↑	AC INPUT PANEL ASSY - O.C.		2014302-011	↑	↑	↑	↑	↑	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
246	↓	SELF TEST ASSY. SUB-SYSTEM TEST		2014392-011	↓	↓	↓	↓	↓																																							
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA	FNP-12775	B	I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
244	R	TAPE READER ASSEMBLY		2014038-011	NA	↓	B	I	NOTE 11 B																																							
243																																															
242																																															
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003000-011	NA	FNP-12775	A	I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW																																							
240	R	SELF TEST ASSEMBLY		2014366-011	NA	FNP-12775	B	I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
239	↓	POWER SUPPLY ASSY-115 V., 400 CYCLE		2014207-011	↓	↓	↓	↓	↓	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
238		AC INPUT PANEL ASSY-C.T.S.		2014043-011																																											
237		POWER CONTROL ASSY		2014079-011																																												
236		DRAWER ASSY-X Y INTERFACE		2014040-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
235		DRAWER ASSY RDC INTERFACE		2014045-011																																											
234		BUFFER CIRCUIT ASSY		2014254-011																																											
233		CONTROL & INTERFACE ASSY		2014204-011																																											
232		POWER CONTROL ASSY		2014044-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011																																											
230		CONNECTOR INTERFACE ASSY		2014272-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
229		CONNECTOR INTERFACE ASSY		2014047-011																																											
228		ANTENNA, TUNING CAPACITOR ASSY		2014209-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
227		MOUNTING FIXTURE ASSY		2014006-011																																											
226		POWER SUPPLY ASSY 3 VDC		2014234-011																																											
225		PANEL ASSY — SIGNAL INTERFACE		2014010-011																																											
224		OSCILLOSCOPE ASSY		2014232-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
223		AUXILIARY OUTLET ASSY		2014274-011																																											
222		FREQUENCY COUNTER		2014233-011																																											
221		POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011																																											
220		LOGIC DRAWER ASSY NO. 2		2014037-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
219		LOGIC DRAWER ASSY NO. 1		2014036-011																																											
218		COUNTER, ELECTRICAL ASSY		2014288-011																																											
217		POWER SUPPLY ASSY		2014279-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
216		TEST MOUNT ASSY		2014257-011																																											
215		UNIVERSAL DSKY PEDESTAL MOUNT, BLOCK II		2014014-011																																											
214		MAIN DSKY PEDESTAL MOUNT, BLOCK I & 100		2014343				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE 11 C																																							
212		↓ ↓ NAV DSKY		1006231				↓	↓	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
211		↓ ↓ AGC, BLOCK I & 100		1006230				↓	↓																																							
210		↓ ↓ UNIVERSAL DSKY		1006222				↓	↓																																							
209		SHIPPING CONTAINER, AGC BLOCK II		1006421				II	NOTE 11 C																																							
208		UNIVERSAL DSKY HANDLING FIXTURE		2014013-011				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
207		NAV DSKY HANDLING FIXTURE		1014377				↓	↓	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
206		MAIN DSKY HANDLING FIXTURE		1014334				↓	↓																																							
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE 11 B																																							
204		OPERATION CONSOLE		2014024-011				II	NOTE 11 C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
203		COMPUTER TEST SET		2014042-011				↓	↓																																							
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011				↓	↓																																							
201	↑	AUXILIARY CALIBRATION CONSOLE		2014059-011	↓	FNP-12775	↓	↓	↓																																							
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA	↓	B	II	NOTE 11 C																																							
21	R																																													
20	R	NA		NA	NA	NA	A	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	+.015 -.015	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19	R	NA		NA	NA	NA	A	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18	R	NA		NA	NA	NA	B	II	NOTE 11 C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	+.125 -.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
17	R	NA		NA	NA	NA	B	I	NOTE 11 B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
16	R	NA		NA	NA	NA	B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	+.015 -.015	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
5	R	NA		NA	NA	NA	B	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

THIS SHEET ADDED
⑥ REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

MASTER

AS APPLICABLE	
NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± —— DECIMALS ±.005 ANGLES ± —
DO NOT SCALE THIS DRAWING
MATERIAL
SEE NOTE 11

LIST OF MATERIALS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN R. A. Jones 7-16-65
CHECKED A. J. Pompa 7-22-65
APPROVED
APPROVED
APPROVED MIT
APPROVED MSC
DATE

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | SHEET 3 OF 5

1004260

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
299	R																																														
298	R																																															
254	R	DRAWER ASSY COMP. SIMULATOR		2014048-011	NA	NAS9-497	B	II	NOTE 11 C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
253		SHIPPING KIT ASSY, NAV DSKY		2016312-011				II	NOTE 11 C																																								
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011																																												
251		SHIPPING KIT ASSY, MAIN DSKY		2016313-011																																											
250		AMPLIFIER, REWORK		2014386				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
249		TEMP MONITOR ASSY		2014313-011					NOTE 11 C	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
248		AGC JUNCTION ASSY		2014341-011					NOTE 11 B																																								
247		AC INPUT PANEL ASSY		2014302-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
246		SELF TEST ASSY		2014392-011																																												
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA		B	I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11 B																																								
243																																															
242																																															
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003000-011	NA	NAS-9-497	A	1	NOTE 11 B	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW																																								
240	R	SELF TEST ASSEMBLY		2014366-011	NA		B	I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
239		POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
238		AC INPUT PANEL ASSY		2014043-011																																												
237		POWER CONTROL ASSY		2014079-011																																												
236		DRAWER ASSY-XY INTERFACE		2014040-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
235		DRAWER ASSY RDC INTERFACE		2014045-011																																											
234		BUFFER CIRCUIT ASSY		2014254-011																																											
233		CONTROL & INTERFACE ASSY		2014204-011																																											
232		POWER CONTROL ASSY		2014044-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011																																											
230		CONNECTOR INTERFACE ASSY		2014272-011																																										
229		CONNECTOR INTERFACE ASSY		2014047-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
228		ANTENNA TUNING CAPACITOR ASSY		2014209-011																																											
227		MOUNTING FIXTURE ASSY		2014006-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
226		POWER SUPPLY ASSY 3 VDC		2014234-011																																											
225		PANEL ASSY — SIGNAL INTERFACE		2014010-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
224		OSCILLOSCOPE ASSY		2014232-011																																											
223		AUXILIARY OUTLET ASSY		2014274-011																																											
222		FREQUENCY COUNTER		2014233-011																																											
221		POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011																																											
220		LOGIC DRAWER ASSY NO. 2		2014037-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
219		LOGIC DRAWER ASSY NO. 1		2014036-011																																											
218		COUNTER, ELECTRICAL ASSY		2014288-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
217		POWER SUPPLY ASSY		2014279-011																																												
216		TEST MOUNT ASSY		2014257-011																																											
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
214		MAIN DSKY PEDESTAL MOUNT		2014343				I	NOTE 11 B																																								
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE 11 C																																								
212		NAV DSKY		1006231						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
211		AGC		1006230																																											
210		UNIVERSAL DSKY		1006232																																												
209		SHIPPING CONTAINER, AGC		1006421				II	NOTE 11 C																																								
208		UNIVERSAL DSKY HANDLING FIXTURE		2014013-011				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
207		NAV DSKY HANDLING FIXTURE		1014377																																											
206		MAIN DSKY HANDLING FIXTURE		1014334						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE 11 B																																								
204		OPERATION CONSOLE		2014024-011				II	NOTE 11 C																																								
203		COMPUTER TEST SET		2014042-011		NAS-9-497				FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011		PNA12775																																											
201		AUXILIARY CALIBRATION CONSOLE		2014059-011		NAS-9-497																																											
200	R	AGC CALIBRATION CONSOLE		2014048-011	NA		B	II	NOTE 11 C																																								
21	R																																														
20	R	NA		NA	NA	NA	A	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19	R	NA		NA	NA	NA	A	I	NOTE 11 B	2.00	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18	R	NA		NA	NA	NA	B	II	NOTE 11 C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
17	R	NA		NA	NA	NA	B	I	NOTE 11 B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	0.2	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
16	R	NA		NA	NA	NA	B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	R	NA		NA	NA	NA	B	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

REVISIONS					
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7-16-65	
H		REVISED PER TDRR 20892			8-4-65	
J		REVISED PER TDRR 20904			8-11-65	
K		REVISED PER TDRR 21379			8-30-65	
L		REVISED PER TDRR 21410			8-31-65	
M		REVISED PER TDRR 21993			10-7-65	
N		REVISED PER TDRR 22621			11-9-65	
P		REVISED PER TDRR 22671			11-17-65	
R		REVISED PER TDRR 22672			11-17-65	
S		REVISED PER TDRR 22750			12-6-65	
T		REVISED PER TDRR 22823			12-15-65	
U		REVISED PER TDRR 23072			1-14-66	
V		REVISED PER TDRR 23521			2-25-66	
W		REVISED PER TDRR 23824	RAJ		3-28-66	
Y		REVISED PER TDRR 24018	RAJ		5-23-66	
Z		REVISED PER TDRR 24040	RAJ		5-25-66	
AA		REVISED PER TDRR 24060	RAJ		6-3-66	

THIS SHEET ADDED
⑥ REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± ±.005 ± —
DO NOT SCALE THIS DRAWING
MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY USED ON
APPLICATION

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN R. Q. Jones 7-16-65
CHECKED [illegible] 7-20-65
APPROVED [illegible]
APPROVED [illegible]
APPROVED MIT [illegible]
APPROVED MSC [illegible]
DATE

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 3 OF 5

1004260 G

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
21	R			NA	NA	NA	A	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093	.93	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
20	P	NA		NA	NA	NA	A	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	N..
19	R	NA		NA	NA	NA	A	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
18	R	NA		NA	NA	NA	B	II	NOTE 11 C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	.125	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
17	R	NA		NA	NA	NA	B	I	NOTE 11 B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
16	R	NA		NA	NA	NA	B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093	.93	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
15	R	NA		NA	NA	NA	B	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	
254	R	DRAWER ASSY COMP. SIMULATOR		2014048-011	NA	NAS9-497	B	II	NOTE 11 C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW
253	↓	SHIPPING KIT ASSY, NAV DSKY		2016312-011	↑	↑	↑	↑	↑	
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011				II	NOTE 11 C	
251		SHIPPING KIT ASSY, MAIN DSKY		2016313-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW
250		AMPLIFIER, REWORK		2014386				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW
249		TEMP MONITOR ASSY		2014313-011					NOTE 11 C	
248	↓	AGC JUNCTION ASSY		2014341-011					NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW
247		AC INPUT PANEL ASSY		2014302-011						
246	↓	SELF TEST ASSY		2014392 011						
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA		B	I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11 B	
243										
242										
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003000-011	NA	NAS-9-497	A	1	NOTE 11 B	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW
240	R	SELF TEST ASSEMBLY		2014366-011	NA		B	I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW
239	↓	POWER SUPPLY ASSY-115 V., 400 CYCLE		2014207-011	↑	↑	↑	↑	↑	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW
238		AC INPUT PANEL ASSY		2014043-011						
237		POWER CONTROL ASSY		2014079-011						
236		DRAWER ASSY-XY INTERFACE		2014040-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW
235		DRAWER ASSY RDC INTERFACE		2014045-011						
234		BUFFER CIRCUIT ASSY		2014254-011						
233		CONTROL & INTERFACE ASSY		2014204-011						
232		POWER CONTROL ASSY		2014044-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011						
230		CONNECTOR INTERFACE ASSY		2014272-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW
229		CONNECTOR INTERFACE ASSY		2014047-011						
228		ANTENNA, TUNING CAPACITOR ASSY		2014209-011						
227		MOUNTING FIXTURE ASSY		2014006-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW
226		POWER SUPPLY ASSY 3 VDC		2014234-011						
225		PANEL ASSY — SIGNAL INTERFACE		2014010-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW
224		OSCILLOSCOPE ASSY		2014232-011						
223		AUXILIARY OUTLET ASSY		2014274-011						
222		FREQUENCY COUNTER		2014233-011						
221		POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW
220		LOGIC DRAWER ASSY NO. 2		2014037-011						
219		LOGIC DRAWER ASSY NO. 1		2014036-011						
218		COUNTER, ELECTRICAL ASSY		2014288-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW
217		POWER SUPPLY ASSY		2014279-011						
216		TEST MOUNT ASSY		2014257-011						
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW
214		MAIN DSKY PEDESTAL MOUNT		2014343						
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE 11 C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW
212		NAV DSKY		1006231						
211		AGC		1006230						
210		UNIVERSAL DSKY		1006422						
209		SHIPPING CONTAINER, AGC		1006421				II	NOTE 11 C	
208		UNIVERSAL DSKY HANDLING FIXTURE		2014013-011				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW
207		NAV DSKY HANDLING FIXTURE		1014377						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW
206		MAIN DSKY HANDLING FIXTURE		1014334						
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE 11 B	
204		OPERATION CONSOLE		2014024-011				II	NOTE 11 C	
203		COMPUTER TEST SET		2014012-011		NAS-9-497				FOR DIMENSIONS, SEE DASH 18 VALUES BELOW
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011		NAS9-2775				
201	↓	AUXILIARY CALIBRATION CONSOLE		2014059-011	↓	NAS-9-497	↓	↓	↓	
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE 11 C	

REVISIONS					
SYM	ZONE	DESCRIPTION	DR	CHK	DATE / APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7-16-65
H		REVISED PER TDRR 20892			8-16-65
J		REVISED PER TDRR 20904			8-16-65
K		REVISED PER TDRR 21379			9-16-65
L		REVISED PER TDRR 21410			9-16-65
M		REVISED PER TDRR 21993			10-16-65
N		REVISED PER TDRR 22621			11-16-65
P		REVISED PER TDRR 22671			11-16-65
R		REVISED PER TDRR 22672			11-16-65
S		REVISED PER TDRR 22750			12-16-65
T		REVISED PER TDRR 22823			12-16-65
U		REVISED PER TDRR 23072			1-16-66
V		REVISED PER TDRR 23521			2-16-66
W		REVISED PER TDRR 23824	RAJ		3-66
Y		REVISED PER TDRR 24018	RAJ		4-66
Z		REVISED PER TDRR 24040	RAJ		5-66
AA		REVISED PER TDRR 24060	RAJ		6-66
AB		REVISED PER TDRR 24868	RAJ		7-22-66

THIS SHEET ADDED

⑥ REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

NOTES FOR TABLE

STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

AS APPLICABLE		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES CAPACITOR VALUES ARE IN μf RESISTOR VALUES ARE IN OHMS TOLERANCES ON FRACTIONS ± —, DECIMALS ± .005, ANGLES ± — DO NOT SCALE THIS DRAWING	MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.
NEXT ASSY	USED ON	MATERIAL SEE NOTE 11	MANNED SPACECRAFT CENTER HOUSTON, TEXAS
APPLICATION			NAMEPLATES, APOLLO GEN-GSE (STANDARDS)
			DRAWN R. Q. Jones 7-16-65
			CHECKED D. J. Pumphrey 7-22-65
			APPROVED
			APPROVED MIT
			APPROVED MSC DATE
			CODE IDENT NO 80230 SIZE E DRAWING NO. 1004260
			SCALE NONE SHEET 3 OF 5

NOTICE - THIS DRAWING OR SPECIFICATION, OR COPIES DATA AND USES THEREOF, FURNISHED HEREUNDER, MAY CONTAIN OR DISCLOSE INFORMATION WHICH IS PROPRIETARY TO RAYTHEON COMPANY. THE RECIPIENT AGREES THAT IT WILL NOT, WITHOUT THE PRIOR WRITTEN PERMISSION OF RAYTHEON COMPANY, BE DISCLOSED TO OTHERS OR USED IN WHOLE OR IN PART FOR ANY PURPOSE EXCEPT FOR THE PURPOSE FURNISHED. IN NO EVENT SHALL THIS NOTICE BE REMOVED. SIMILAR NOTICE MUST BE INCLUDED ON ANY REPRODUCTIONS OR PARTIAL COPIES OF THIS DRAWING OR SPECIFICATION. THIS DRAWING OR SPECIFICATION, AND ANY COPIES THEREOF, MUST BE RETURNED TO RAYTHEON COMPANY ON REQUEST AND IN ANY EVENT UPON COMPLETION OF THE USE FOR WHICH FURNISHED.

SYM	ZONE	REVISIONS DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/16/68	
H		REVISED PER TDRR 20892			8/8/68	
J		REVISED PER TDRR 20904			8/15/68	
K		REVISED PER TDRR 21379			10/16/68	
L		REVISED PER TDRR 21410			11/8/68	
M		REVISED PER TDRR 21993			1/17	
N		REVISED PER TDRR 22621			4/1	
P		REVISED PER TDRR 22671			4/11	
R		REVISED PER TDR 22672			4/11	
S		REVISED PER TDRR 22750			4/16	
T		REVISED PER TDRR 22823			4/26	
U		REVISED PER TDRR 23072			5-31-68	
V		REVISED PER TDRR 23521			10-26-68	
W		REVISED PER TDRR 23824	RAJ		1-6-69	
Y		REVISED PER TDRR 24018	RAJ		2-6-69	
Z		REVISED PER TDRR 24040	RAJ		2-6-69	
AA		REVISED PER TDRR 24060	RAJ		2-27-69	
AB		REVISED PER TDRR 24868	RAJ		2-26-69	
AC		REVISED PER TDRR 24973	RAJ		4-4-69	

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
21	R																																													
20	R	NA		NA	NA	NA	A	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19	R	NA		NA	NA	NA	A	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18	R	NA		NA	NA	NA	B	II	NOTE 11 C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	.125	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
17	R	NA		NA	NA	NA	B	I	NOTE 11 B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
16	R	NA		NA	NA	NA	B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	R	NA		NA	NA	NA	B	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
254	R	DRAWER ASSY COMP. SIMULATOR		2014048-011	NA	NAS9-497	B	II	NOTE 11 C																																						
253	↑	SHIPPING KIT ASSY, N-V DSKY		2016312-011	↑	↑	↑	↑	↑	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																						
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011																																										
251		SHIPPING KIT ASSY, MAIN DSKY		2016313-011				II	NOTE 11 C																																						
250		AMPLIFIER, REWORK		2C 4386				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
249		TEMP MONITOR ASSY		2014313-011					NOTE 11 C	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																						
248		AGC JUNCTION ASSY		2014341-011					NOTE 11 B																																						
247		AC INPUT PANEL ASSY		2014302-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
246		SELF TEST ASSY		2014392-011																																										
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA	↑	B	I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11 B																																						
243																																														
242																																														
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW																																						
240	R	SELF TEST ASSEMBLY		2014366-011	NA	↑	B	I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
239	↑	POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011	↑	↑	↑	↑	↑	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																						
238		AC INPUT PANEL ASSY		2014043-011																																											
237		POWER CONTROL ASSY		2014079-011																																										
236		DRAWER ASSY-X Y INTERFACE		2014040-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
235		DRAWER ASSY R D C INTERFACE		2014045-011																																									
234		BUFFER CIRCUIT ASSY		2014254-011																																										
233		CONTROL & INTERFACE ASSY		2014204-011																																									
232		POWER CONTROL ASSY		2014044-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																						
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011																																									
230		CONNECTOR INTERFACE ASSY		2014272-011																																									
229		CONNECTOR INTERFACE ASSY		2014047-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
228		ANTENNA, TUNING CAPACITOR ASSY		2014209-011																																									
227		MOUNTING FIXTURE ASSY		2014006-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																						
226		POWER SUPPLY ASSY 3 VDC		2014234-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
225		PANEL ASSY—SIGNAL INTERFACE		2014010-011																																									
224		OSCILLOSCOPE ASSY		2014232-011																																									
223		AUXILIARY OUTLET ASSY		2014274-011																																								
222		FREQUENCY COUNTER		2014233-011																																									
221		POWER SUPPLY ASSY 10,13, 28 VDC		2014235-011																																									
220		LOGIC DRAWER ASSY NO. 2		2014037-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																						
219		LOGIC DRAWER ASSY NO. 1		2014036-011																																									
218		COUNTER, ELECTRICAL ASSY		2014288-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
217		POWER SUPPLY ASSY		2014279-011																																										
216		TEST MOUNT ASSY		2014257-011																																									
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011																																									
214		MAIN DSKY PEDESTAL MOUNT		2014343				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																						
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE 11 C																																						
212		NAV DSKY		1006231						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																						
211		AGC		1006230																																									
210		UNIVERSAL DSKY		1006422																																										
209		SHIPPING CONTAINER, AGC		1006421				II	NOTE 11 C																																						
208		UNIVERSAL DSKY HANDLING FIXTURE		2014013-011				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
207		NAV DSKY HANDLING FIXTURE		1014377						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																						
206		MAIN DSKY HANDLING FIXTURE		1014334																																										
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE 11 B																																						
204		OPERATION CONSOLE		2014024-011				II	NOTE 11 C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																						
203		COMPUTER TEST SET		2014042-011		NAS-9-497																																								
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011		FNP12775																																								
201	↑	AUXILIARY CALIBRATION CONSOLE		2014059-011	↑	NAS-9-497	↑	↑	↑																																				
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE 11 C																																						

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

THIS SHEET ADDED
G REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μF
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS ± —, DECIMALS ± .005, ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN	R. G. Jensen	7-16-68
CHECKED	E. J. Runge	7-22-68
APPROVED		
APPROVED	W. Hopkins	7/24/68
APPROVED MIT	W. Hopkins	7/24/68
APPROVED MSC		

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260

DATE | SCALE NONE | SHEET 3 OF 5

SYM	DONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			4/65	
H		REVISED PER TDRR 20892			4/65	
J		REVISED PER TDRR 20904			4/65	
K		REVISED PER TDRR 21379			4/65	
L		REVISED PER TDRR 21410			4/65	
M		REVISED PER TDRR 21993			4/65	
N		REVISED PER TDRR 22621			11/	
P		REVISED PER TDRR 22671			11/	
R		REVISED PER TDRR 22672			11/	
S		REVISED PER TDRR 22750			11/	
T		REVISED PER TDRR 22823			1/66	
U		REVISED PER TDRR 23072			1/66	
V		REVISED PER TDRR 23521			1/66	
W		REVISED PER TDRR 23824	RAL		1/66	
Y		REVISED PER TDRR 24018	RAL		1/66	
Z		REVISED PER TDRR 24040	RAJ		2/66	
AA		REVISED PER TDRR 24060	RAJ		2/66	
AB		REVISED PER TDRR 24868	RAL		4/66	
AC		REVISED PER TDRR 24973	RAJ		4/66	
AD		REVISED PER TDRR 25065	RAL		4/66	

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
299	R																																													
298	R																																														
254	R	DRAWER ASSY COMP. SIMULATOR		2014048-011	NA	NAS9-497	B	II	NOTE 11 C																																							
253	↓	SHIPPING KIT ASSY, NAV. DSKY		2016312-011	↑	↑	↑	↑	↑	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																						
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011																																											
251		SHIPPING KIT ASSY, MAIN DSKY		2016313-011				II	NOTE 11 C																																						
250		AMPLIFIER, REWORK		2014386				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
249		TEMP MONITOR ASSY		2014313-011				↓	NOTE 11 C	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																						
248	↓	AGC JUNCTION ASSY		2014341-011					NOTE 11 B																																						
247		ML INPUT PANEL ASSY		2014302-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
246	↓	SELF TEST ASSY		2014392-011																																											
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA		B	I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11 B																																						
243																																														
242																																														
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	1	NOTE 11 B	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW																																						
240	R	SELF TEST ASSEMBLY		2014366-011	NA		B	I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
239	↓	POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011	↓	↓	↓	↓	↓	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																						
238		AC INPUT PANEL ASSY		2014043-011																																											
237		POWER CONTROL ASSY		2014079-011																																											
236		DRAWER ASSY-X Y INTERFACE		2014040-011																																										
235		DRAWER ASSY R D C INTERFACE		2014045-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
234		BUFFER CIRCUIT ASSY		2014254-011																																											
233		CONTROL & INTERFACE ASSY		2014204-011																																										
232		POWER CONTROL ASSY		2014044-011																																											
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011						FOR DIMENSIONS, SEE-DASH 17 VALUES BELOW																																						
230		CONNECTOR INTERFACE ASSY		2014272-011																																										
229		CONNECTOR INTERFACE ASSY		2014047-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
228		ANTENNA, TUNING CAPACITOR ASSY		2014209-011																																										
227		MOUNTING FIXTURE ASSY		2014006-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																						
226		POWER SUPPLY ASSY 3 VDC		2014234-011																																										
225		PANEL ASSY—SIGNAL INTERFACE		2014010-011																																										
224		OSCILLOSCOPE ASSY		2014232-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
223		AUXILIARY OUTLET ASSY		2014274-011																																										
222		FREQUENCY COUNTER		2014233-011																																										
221		POWER SUPPLY ASSY 10,13, 28 VDC		2014235-011																																										
220		LOGIC DRAWER ASSY NO. 2		2014037-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																						
219		LOGIC DRAWER ASSY NO. 1		2014036-011																																										
218		COUNTER, ELECTRICAL ASSY		2014288-011																																										
217		POWER SUPPLY ASSY		2014279-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
216		TEST MOUNT ASSY		2014257-011																																										
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																						
214		MAIN DSKY PEDESTAL MOUNT		2014343																																										
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE 11 C																																						
212		↓ ↓ NAV DSKY		1006231						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																						
211		↓ ↓ AGC		1006230																																										
210		↓ ↓ UNIVERSAL DSKY		1006422																																										
209		SHIPPING CONTAINER, AGC		1006421				II	NOTE 11 C																																						
208		UNIVERSAL DSKY HANDLING FIXTURE		2014013-011				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
207		NAV DSKY HANDLING FIXTURE		1014377																																										
206		MAIN DSKY HANDLING FIXTURE		1014334				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																						
205		AGC HANDLING FIXTURE		2014282-011																																										
204		OPERATION CONSOLE		2014024-011				II	NOTE 11 C																																						
203		COMPUTER TEST SET		2014042-011		NAS-9-497				FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																						
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011		FNA12775																																									
201	↓	AUXILIARY CALIBRATION CONSOLE		2014059-011	↓	NAS-9-497																																									
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE 11 C																																						
21	R																																													
20	P	NA			NA	NA	NA	A	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.109 .113	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19	R	NA			NA	NA	NA	A	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18	R	NA			NA	NA	NA	B	II	NOTE 11 C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	.109 .113	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
17	R	NA			NA	NA	NA	B	I	NOTE 11 B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
16	R	NA			NA	NA	NA	B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.109 .113	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	.843
15	R	NA			NA	NA	NA	B	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

THIS SHEET ADDED
© REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS				

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. CAPACITOR VALUES ARE IN μf. RESISTOR VALUES ARE IN OHMS. TOLERANCES ON FRACTIONS, DECIMALS, ANGLES ± — ±.005 ± —. DO NOT SCALE THIS DRAWING.

MATERIAL: SEE NOTE 11

AS APPLICABLE | NEXT ASSY | USED ON | APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN	R.Q. Jones	7-1965
CHECKED		
APPROVED		
APPROVED		
APPROVED MIT		
APPROVED MSC		
DATE		

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260 | SCALE NONE | SHEET 3 OF 5

1004260 D

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL
299	R								
298	R								
254	R	DRAWER ASSY COMP. SIMULATOR		2014048-011	NA	NAS9-497	B	II	NOTE 11 C
253	↓	SHIPPING KIT ASSY, NAV DSKY		2016312-011	↑	↑	↑	↑	NOTE 11 C
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011					
251		SHIPPING KIT ASSY, MAIN DSKY		2016313-011				II	NOTE 11 C
250		AMPLIFIER, REWORK		2014386				I	NOTE 11 B
249		TEMP MONITOR ASSY		2014313-011				II	NOTE 11 C
248		AGC JUNCTION ASSY		2014341-011					NOTE 11 B
247		AC INPUT PANEL ASSY		2014302-011				↑	↑
246	↓	SELF TEST ASSY		2014392 011	↑	↑	↑		
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA		B	I	NOTE 11 B
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11 B
243		—							
242									
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11 B
240	R	SELF TEST ASSEMBLY		2014366-011	NA	↑	B	I	NOTE 11 B
239	↓	POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011	↑		↑	↑	↑
238		AC INPUT PANEL ASSY		2014043-011					
237		POWER CONTROL ASSY		2014079-011					
236		DRAWER ASSY-XY INTERFACE		2014040-011					
235		DRAWER ASSY RDC INTERFACE		2014045-011					
234		BUFFER CIRCUIT ASSY		2014254-011					
233		CONTROL & INTERFACE ASSY		2014204-011					
232		POWER CONTROL ASSY		2014044-011					
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011					
230		CONNECTOR INTERFACE ASSY		2014272-011					
229		CONNECTOR INTERFACE ASSY		2014047-011					
228		ANTENNA, TUNING CAPACITOR ASSY		2014209-011					
227		MOUNTING FIXTURE ASSY		2014006-011					
226		POWER SUPPLY ASSY 3 VDC		2014234-011					
225		PANEL ASSY — SIGNAL INTERFACE		2014010-011					
224		OSCILLOSCOPE ASSY		2014232-011					
223		AUXILIARY OUTLET ASSY		2014274-011					
222		FREQUENCY COUNTER		2014233-011					
221		POWER SUPPLY ASSY 10,13, 28 VDC		2014235-011					
220		LOGIC DRAWER ASSY NO. 2		2014037-011					
219		LOGIC DRAWER ASSY NO. 1		2014036-011					
218		COUNTER, ELECTRICAL ASSY		2014288-011					
217		POWER SUPPLY ASSY		2014279-011					
216		TEST MOUNT ASSY		2014257-011					
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011				I	NOTE 11 B
214		MAIN DSKY PEDESTAL MOUNT		2014343				I	NOTE 11 B
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE 11 C
212		↑ ↑ NAV DSKY		1006231				↑	↑
211		↑ ↑ AGC		1006230					
210		↓ ↓ UNIVERSAL DSKY		1006422					
209		SHIPPING CONTAINER, AGC		1006421				II	NOTE 11 C
208		UNIVERSAL DSKY HANDLING FIXTURE		2014013-011				I	NOTE 11 B
207		NAV DSKY HANDLING FIXTURE		1014377				↑	↑
206		MAIN DSKY HANDLING FIXTURE		1014334					
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE 11 B
204		OPERATION CONSOLE		2014024-011				II	NOTE 11 C
203		COMPUTER TEST SET		2014042-011		NAS-9-497		↑	↑
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011		FNR12775			
201	↓	AUXILIARY CALIBRATION CONSOLE		2014059-011	↓	NAS-9-497			
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE 11 C
21	R								
20	R	NA		NA	NA	NA	A	II	NOTE 11 C
19	R	NA		NA	NA	NA	A	I	NOTE 11 B
18	R	NA		NA	NA	NA	B	II	NOTE 11 C
17	R	NA		NA	NA	NA	B	I	NOTE 11 B
16	R	NA		NA	NA	NA	B	II	NOTE 11 C
15	R	NA		NA	NA	NA	B	I	NOTE 11 B

DASH NO.	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
254	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
253	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
252																																					
251																																					
250	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	.1A
249	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	.125	1.625	.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.75
248	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
247	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
246	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
245																																					
244	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
243																																					
242																																					
241	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
240	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	.125	1.625	.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.75
239	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
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208	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
207	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑
206																																					
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201	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
200																																					
21																																					
20	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	.1A
19	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	.1A
18	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	.125	1.625	.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.75
17	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
16	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

RAYTHEON DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

REVISIONS						
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/16/65	
H		REVISED PER TDRR 20892			7/16/65	
J		REVISED PER TDRR 20904			7/16/65	
K		REVISED PER TDRR 21379			8/5/65	
L		REVISED PER TDRR 21410			8/16/65	
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072				
V		REVISED PER TDRR 23521				
W		REVISED PER TDRR 23824	RAJ			
Y		REVISED PER TDRR 24018	RAJ			
Z		REVISED PER TDRR 24040	RAJ			
⑤ AA		REVISED PER TDRR 24060	RAJ			
⑥ AB		REVISED PER TDRR 24868	RAJ			
⑥ AC		REVISED PER TDRR 24973	RAJ			
⑥ AD		REVISED PER TDRR 25065	RAJ			
AE		REVISED PER TDRR 25672	RAJ			
AF		REVISED PER TDRR 25671	RAJ			

THIS SHEET ADDED

⑥ REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
AS APPLICABLE	NEXT ASSY	USED ON	APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

LIST OF MATERIALS

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN	K. Q. [illegible]	7-16-65
CHECKED	[illegible]	7-16-65
APPROVED	[illegible]	7/16/65
APPROVED MIT	[illegible]	7/16/65
APPROVED MSC	[illegible]	7/16/65

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260

DATE | SCALE NONE | SHEET 3 OF 5

1004260-011

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL
259	R								
258	R								
254	R	DRAWER ASSY COMP. SIMULATOR		2014048-011	NA	NAS-9-497	B	II	NOTE 11 C
253		SHIPPING KIT ASSY, NAV DSKY		2016312-011					
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011					
251		SHIPPING KIT ASSY, MAIN DSKY		2016313-011				II	NOTE 11 C
250		AMPLIFIER, REWORK		2014386				I	NOTE 11 B
249		TEMP MONITOR ASSY		2014313-011					NOTE 11 C
248		AGC JUNCTION ASSY		2014341-011					NOTE 11 B
247		AC INPUT PANEL ASSY		2014302-011					
246		SELF TEST ASSY		2014392-011					
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA		B	I	NOTE 11 B
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11 B
243									
242									
241	R	APOLLO GUIDANCE COMPUTER GROUP		603001	NA	NAS-9-497	A	I	NOTE 11 B
240	R	SELF TEST ASSEMBLY		2014366-011	NA		B	I	NOTE 11 B
239		POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011					
238		AC INPUT PANEL ASSY		2014043-011					
237		POWER CONTROL ASSY		2014079-011					
236		DRAWER ASSY-XY INTERFACE		2014040-011					
235		DRAWER ASSY RDC INTERFACE		2014045-011					
234		BUFFER CIRCUIT ASSY		2014254-011					
233		CONTROL & INTERFACE ASSY		2014204-011					
232		POWER CONTROL ASSY		2014044-011					
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011					
230		CONNECTOR INTERFACE ASSY		2014272-011					
229		CONNECTOR INTERFACE ASSY		2014047-011					
228		ANTENNA, TUNING CAPACITOR ASSY		2014209-011					
227		MOUNTING FIXTURE ASSY		2014006-011					
226		POWER SUPPLY ASSY 3 VDC		2014234-011					
225		PANEL ASSY — SIGNAL INTERFACE		2014010-011					
224		OSCILLOSCOPE ASSY		2014232-011					
223		AUXILIARY OUTLET ASSY		2014274-011					
222		FREQUENCY COUNTER		2014233-011					
221		POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011					
220		LOGIC DRAWER ASSY NO. 2		2014037-011					
219		LOGIC DRAWER ASSY NO. 1		2014036-011					
218		COUNTER, ELECTRICAL ASSY		2014288-011					
217		POWER SUPPLY ASSY		2014279-011					
216		TEST MOUNT ASSY		2014257-011					
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011				I	NOTE 11 B
214		MAIN DSKY PEDESTAL MOUNT		2014343					
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE 11 C
212		NAV DSKY		1006231					
211		AGC		1006230					
210		UNIVERSAL DSKY		1006422					
209		SHIPPING CONTAINER, AGC		1006421				II	NOTE 11 C
208		UNIVERSAL DSKY HANDLING FIXTURE		2014013-011				I	NOTE 11 B
207		NAV DSKY HANDLING FIXTURE		1014377					
206		MAIN DSKY HANDLING FIXTURE		1014334					
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE 11 B
204		OPERATION CONSOLE		2014024-011				II	NOTE 11 C
203		COMPUTER TEST SET		2014042-011		NAS-9-497			
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011		FNP12775			
201		AUXILIARY CALIBRATION CONSOLE		2014059-011		NAS-9-497			
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE 11 C
21	R								
20	P	NA		NA	NA	NA	A	II	NOTE 11 C
19	R	NA		NA	NA	NA	A	I	NOTE 11 B
18	P	NA		NA	NA	NA	B	II	NOTE 11 C
17	P	NA		NA	NA	NA	B	I	NOTE 11 B
16	R	NA		NA	NA	NA	B	II	NOTE 11 C
15	R	NA		NA	NA	NA	B	I	NOTE 11 B

DASH NO.	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
21																																					
20	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093 DIA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18	4.187	1.875	3.469	2.750	.156	.093	.156	.125	.125 DIA	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
17	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
16	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093 DIA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

REVISIONS						
SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7-16-65	
H		REVISED PER TDRR 20892			9-8-65	
J		REVISED PER TDRR 20904			10-5-65	
K		REVISED PER TDRR 21379			10-27-65	
L		REVISED PER TDRR 21410			11-8-65	
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750			1-5-66	
T		REVISED PER TDRR 22823			1-31-66	
U		REVISED PER TDRR 23072			10-31-66	
V		REVISED PER TDRR 23521			10-26-65	
W		REVISED PER TDRR 23824	RAJ		1-5-65	
Y		REVISED PER TDRR 24018	RAJ		1-6-65	
Z		REVISED PER TDRR 24040	RAJ		1-19-65	
AA		REVISED PER TDRR 24060	RAJ		11-19-65	
AB		REVISED PER TDRR 24868	RAJ		2-22-66	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-18-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-15-66	

THIS SHEET ADDED
(6) REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

FS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

LIST OF MATERIALS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN R. A. Tenney 7-16-65
CHECKED D. J. Tenney 7-26-65
APPROVED
APPROVED
APPROVED MIT
APPROVED MSC
DATE

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260 | SHEET 3 OF 6 | SCALE NONE

1004260 A

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ZONE	REVISIONS	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/14/65	
H		REVISED PER TDRR 20892			9/65	
J		REVISED PER TDRR 20904			10/65	
K		REVISED PER TDRR 21379			10/65	
L		REVISED PER TDRR 21410			11/65	
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621			11/	
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672			12/	
S		REVISED PER TDRR 22750			1/67	
T		REVISED PER TDRR 22823			1/67	
U		REVISED PER TDRR 23012			10-11-66	
V		REVISED PER TDRR 23521			10-26-66	
W		REVISED PER TDRR 23824	RAJ		11-9-66	
Y		REVISED PER TDRR 24018	RAJ		11-16-65	
Z		REVISED PER TDRR 24040	RAJ		11-19-65	
AA	(M)	REVISED PER TDRR 24060	RAJ		11-19-65	
AB		REVISED PER TDRR 24868	RAJ		12-22-65	
AC	(M)	REVISED PER TDRR 24973	RAJ		1-4-66	
AD	(M)	REVISED PER TDRR 25065	RAJ		1-18-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF	(G)	REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-15-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	

0276

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL
259	R								
258	R								
254	R	DRAWER ASSY COMP. SIMULATOR		2014048-011	NA	NAS9-497	B	II	NOTE 11 C
253	↓	SHIPPING KIT ASSY, NAV DSKY		2016312-011	↑	↑	↑	↑	↑
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011					NOTE 11 C
251		CUSHIONING KIT ASSY, MAIN DSKY		2016313-011				II	NOTE 11 C
250		AMPLIFIER, REWORK		2014386				I	NOTE 11 B
249		TEMP MONITOR ASSY		2014313-011				↑	NOTE 11 C
248	↓	AGC JUNCTION ASSY		2014341-011				B	NOTE 11 B
247		AC INPUT PANEL ASSY		2014302-011				↑	↑
246	↓	SELF TEST ASSY		2014392-011				↓	↓
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA		B	I	NOTE 11 B
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11 B
243									
242									
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	1	NOTE 11 B
240	R	SELF TEST ASSEMBLY		2014366-011	NA	↑	B	I	NOTE 11 B
239	↓	POWER SUPPLY ASSY-115 V., 400 CYCLE		2014207-011	↑	↓	↓	↑	↑
238		AC INPUT PANEL ASSY		2014043-011				↓	↓
237		POWER CONTROL ASSY		2014079-011					
236		DRAWER ASSY-X Y INTERFACE		2014040-011					
235		DRAWER ASSY R D C INTERFACE		2014045-011					
234		BUFFER CIRCUIT ASSY		2014254-011					
233		CONTROL & INTERFACE ASSY		2014204-011					
232		POWER CONTROL ASSY		2014044-011					
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011					
230		CONNECTOR INTERFACE ASSY		2014272-011					
229		CONNECTOR INTERFACE ASSY		2014047-011					
228		ANTENNA, TUNING CAPACITOR ASSY		2014209-011					
227		MOUNTING FIXTURE ASSY		2014006-011					
226		PCWER SUPPLY ASSY 3 VDC		2014234-011					
225		PANEL ASSY-SIGNAL INTERFACE		2014010-011					
224		OSCILLOSCOPE ASSY		2014232-011					
223		AUXILIARY OUTLET ASSY		2014274-011					
222		FREQUENCY COUNTER		2014233-011					
221		POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011					
220		LOGIC DRAWER ASSY NO. 2		2014037-011					
219		LOGIC DRAWER ASSY NO. 1		2014036-011					
218		COUNTER, ELECTRICAL ASSY		2014288-011					
217		POWER SUPPLY ASSY		2014279-011					
216		TEST MOUNT ASSY		2014257-011					
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011				↑	↑
214		MAIN DSKY PEDESTAL MOUNT		2014343				I	NOTE 11 B
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE 11 C
212		↓ ↓ NAV DSKY		1006231				↑	↑
211		↓ ↓ AGC		1006230				↓	↓
210		↓ ↓ UNIVERSAL DSKY		1006232					
209		SHIPPING CONTAINER, AGC		1006421				II	NOTE 11 C
208		UNIVERSAL DSKY HANDLING FIXTURE		2014013-011				I	NOTE 11 B
207		NAV DSKY HANDLING FIXTURE		1014377				↑	↑
206		MAIN DSKY HANDLING FIXTURE		1014334				↓	↓
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE 11 B
204		OPERATION CONSOLE		2014024-011				II	NOTE 11 C
203		COMPUTER TEST SET		2014042-011		NAS-9-497		↑	↑
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011		FNP12775		↓	↓
201	↓	AUXILIARY CALIBRATION CONSOLE		2014059-011	↓	NAS-9-497	↓	↓	↓
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE 11 C
21	R								
20	R	NA		NA	NA	NA	A	II	NOTE 11 C
19	R	NA		NA	NA	NA	A	I	NOTE 11 B
18	R	NA		NA	NA	NA	B	II	NOTE 11 C
17	R	NA		NA	NA	NA	B	I	NOTE 11 B
16	R	NA		NA	NA	NA	B	II	NOTE 11 C
15	R	NA		NA	NA	NA	B	I	NOTE 11 B

DASH NO.	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
254	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
253	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
252																																					
251	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
250	4.187	1.875	3.469	2.750	.156	.093	.156	.125	.125	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
249	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
248	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
247	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
246																																					
245	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
244	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
243																																					
242																																					
241	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
240	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
239	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
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200																																					
21																																					
20	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
19	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18	4.187	1.875	3.469	2.750	.156	.093	.156	.125	.125	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
17	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
16	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

NOTES FOR TABLE
STYLE A IS FOR FLIGHT SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

MASTER

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO
			LIST OF MATERIALS	

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN	T. Q. Jones	7-1965
CHECKED		7-22-65
APPROVED		7/26/65
APPROVED		7/26/65
APPROVED MIT		7/26/65
APPROVED MSC		7/26/65

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260

DATE | SCALE NONE | SHEET 3 OF 6

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
268	R	SELF TEST ASSY		2014366-021	NA	NAS-9-497	B	I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
267		AGC JUNCTION ASSY		2014341-021																																												
266		POWER CONTROL ASSY		2014079-021																																												
265		BUFFER CIRCUIT ASSY		2014254-021																																											
264		DRAWER ASSY X Y INTERFACE		2014040-021																																											
263		DRAWER ASSY R D C INTERFACE		2014045-021																																											
262		DRAWER ASSY PROGRAMMER & MONITOR		2014041-021																																											
261		LOGIC DRAWER ASSY NO. 2		2014037-021				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
260		LOGIC DRAWER ASSY NO. 1		2014036-021																																											
259		OPERATION CONSOLE		2014024-021				II	NOTE 11 C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
258		COMPUTER TEST SET		2014042-021																																												
257		AUXILIARY CALIBRATION CONSOLE		2014059-021																																											
256		AGC CALIBRATION CONSOLE		2014049-021																																											
255		AGC HANDLING FIXTURE		2014282-021				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
254		DRAWER ASSY COMP. SIMULATOR		2014048-011				II	NOTE 11 C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
253		SHIPPING KIT ASSY, NAV DSKY		2016312-011																																											
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011																																											
251		SHIPPING KIT ASSY, MAIN DSKY		2016313-011																																										
250		AMPLIFIER, REWORK		2014386				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
249		TEMP MONITOR ASSY		2014313-011					NOTE 11 C	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
248		AGC JUNCTION ASSY		2014341-011					NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
247		AC INPUT PANEL ASSY		2014302-011																																												
246		SELF TEST ASSY		2014392-011																																												
245		TAPE PUNCH ASSEMBLY		2014039-011																																											
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
243		——																																												
242		——																																												
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW																																								
240		SELF TEST ASSEMBLY		2014366-011	NA		B	I		FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
239		POWER SUPPLY ASSY-115V., 400 CYCLE		2014209-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
238		AC INPUT PANEL ASSY		2014043-011																																												
237		POWER CONTROL ASSY		2014079-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
236		DRAWER ASSY-X Y INTERFACE		2014040-011																																											
235		DRAWER ASSY R D C INTERFACE		2014045-011																																											
234		BUFFER CIRCUIT ASSY		2014254-011																																											
233		CONTROL & INTERFACE ASSY		2014204-011																																											
232		POWER CONTROL ASSY		2014044-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011																																											
230		CONNECTOR INTERFACE ASSY		2014272-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
229		CONNECTOR INTERFACE ASSY		2014047-011																																											
228		ANTENNA, TUNING CAPACITOR ASSY		2014209-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
227		MOUNTING FIXTURE ASSY		2014006-011																																											
226		POWER SUPPLY ASSY 3 VDC		2014234-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
225		PANEL ASSY — SIGNAL INTERFACE		2014010-011																																											
224		OSCILLOSCOPE ASSY		2014232-011																																											
223		AUXILIARY OUTLET ASSY		2014274-011																																											
222		FREQUENCY COUNTER		2014233-011																																											
221		POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011																																											
220		LOGIC DRAWER ASSY NO. 2		2014037-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
219		LOGIC DRAWER ASSY NO. 1		2014036-011																																											
218		COUNTER, ELECTRICAL ASSY		2014288-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
217		POWER SUPPLY ASSY		2014279-011																																												
216		TEST MOUNT ASSY		2014257-011																																											
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
214		MAIN DSKY PEDESTAL MOUNT		2014343																																											
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE 11 C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
212		NAV DSKY		1006231																																											
211		AGC		1006230																																											
210		UNIVERSAL DSKY		1006622																																											
209		SHIPPING CONTAINER, AGC		1006421				II	NOTE 11 C																																							
208		UNIVERSAL DSKY HANDLING FIXTURE		2014013-011					NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
207		NAV DSKY HANDLING FIXTURE		1014377																																											
206		MAIN DSKY HANDLING FIXTURE		1014334						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE 11 B																																							
204		OPERATION CONSOLE		2014024-011				II	NOTE 11 C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
203		COMPUTER TEST SET		2014042-011		NAS-9-497																																									
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011		FNP-12775																																									
201		AUXILIARY CALIBRATION CONSOLE		2014059-011		NAS-9-497																																									
200		AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE 11 C																																							
21		——																																												
20		NA		NA	NA	NA	A	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093	.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19		NA		NA	NA	NA	A	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18		NA		NA	NA	NA	B	II	NOTE 11 C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.78	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
17		NA		NA	NA	NA	B	I	NOTE 11 B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.78	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
16		NA		NA	NA	NA	B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093	.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	.375	.218	1.156	NA	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	R	NA		NA	NA	NA	B	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

THIS SHEET ADDED
⑥ REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			9/16/65	
H		REVISED PER TDRR 20892			9/28/65	
J		REVISED PER TDRR 20904			10/5/65	
K		REVISED PER TDRR 21379			10/27/65	
L		REVISED PER TDRR 21410			11/10/65	
M		REVISED PER TDRR 21993			11/17/65	
N		REVISED PER TDRR 22621			11/17/65	
P		REVISED PER TDRR 22671			11/17/65	
R		REVISED PER TDRR 22672			11/17/65	
S		REVISED PER TDRR 22750			11/17/65	
T		REVISED PER TDRR 22823			11/17/65	
U		REVISED PER TDRR 23072			11-22-65	
V		REVISED PER TDRR 23521			12-28-65	
W		REVISED PER TDRR 23824	RAJ		1-19-66	
Y		REVISED PER TDRR 24018	RAJ		1-26-66	
Z		REVISED PER TDRR 24040	RAJ		1-19-66	
⑩ AA		REVISED PER TDRR 24060	RAJ		1-19-66	
⑨ AB		REVISED PER TDRR 24868	RAJ		2-22-66	
⑧ AC		REVISED PER TDRR 24973	RAJ		1-4-66	
⑦ AD		REVISED PER TDRR 25065	RAJ		2-18-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
⑤ AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-25-66	
AH		REVISED PER TDRR 26372	-		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
④ AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27165	"		3-30-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
③ AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27880	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-20-66	

0276 8

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN R. Q. Jones 7-16-65
CHECKED [illegible] 7-22-65
APPROVED [illegible]
APPROVED [illegible]
APPROVED MIT
APPROVED MSC

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 3 OF 5

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

1004260-V

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
299	P																																														
298	R																																															
269	R	POWER CONTROL ASSY		2014044-021	NA	NAS9-497	B	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
268		SELF TEST ASSY		2014366-021						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																									
267		AGC JUNCTION ASSY		2014341-021																																													
266		POWER CONTROL ASSY		2014079-021																																												
265		BUFFER CIRCUIT ASSY		2014254-021																																											
264		DRAWER ASSY X Y INTERFACE		2014040-021																																											
263		DRAWER ASSY R D C INTERFACE		2014045-021																																											
262		DRAWER ASSY PROGRAMMER & MONITOR		2014041-021						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
261		LOGIC DRAWER ASSY NO. 2		2014037-021				I	NOTE 11B																																									
260		LOGIC DRAWER ASSY NO. 1		2014036-021																																												
259		OPERATION CONSOLE		2014024-021				II	NOTE 11C																																								
258		COMPUTER TEST SET		2014042-021						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																									
257		AUXILIARY CALIBRATION CONSOLE		2014059-021				II	NOTE 11C																																								
256		AGC CALIBRATION CONSOLE		2014049-021																																											
255		AGC HANDLING FIXTURE		2014282-021				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
254		DRAWER ASSY COMP. SIMULATOR		2014048-011				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
253		SHIPPING KIT ASSY, NAV. DSKY		2016812-011																																											
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016516-011																																											
251		SHIPPING KIT ASSY, MAIN DSKY		2016313-011				II	NOTE 11C																																								
250		AMPLIFIER, REWORK		2014386				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
249		TEMP MONITOR ASSY		2014313-011					NOTE 11C	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
248		AGC JUNCTION ASSY		2014341-011					NOTE 11B																																								
247		AC INPUT PANEL ASSY		2014302-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
246		SELF TEST ASSY		2014392-011																																												
245		TAPE PUNCH ASSEMBLY		2014039-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11B																																								
243																																															
242																																															
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	1	NOTE 11B	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW																																								
240		SELF TEST ASSEMBLY		2014366-011	NA		B	I		FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
239		POWER SUPPLY ASSY-115 V., 400 CYCLE		2014207-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
238		AC INPUT PANEL ASSY		20.1043-011																																												
237		POWER CONTROL ASSY		2014079-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
236		DRAWER ASSY-X Y INTERFACE		2014040-011																																											
235		DRAWER ASSY R D C INTERFACE		2014045-011																																											
234		BUFFER CIRCUIT ASSY		2014254-011																																											
233		CONTROL & INTERFACE ASSY		2014204-011																																											
232		POWER CONTROL ASSY		2014044-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011																																											
230		CONNECTOR INTERFACE ASSY		2014272-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
229		CONNECTOR INTERFACE ASSY		2014047-011																																											
228		ANTENNA TUNING CAPACITOR ASSY		2014209-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
227		MOUNTING FIXTURE ASSY		2014006-011																																											
226		POWER SUPPLY ASSY 3 VDC		2014234-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
225		PANEL ASSY — SIGNAL INTERFACE		2014010-011																																											
224		OSCILLOSCOPE ASSY		2014232-011																																											
223		AUXILIARY OUTLET ASSY		2014274-011																																											
222		FREQUENCY COUNTER		2014233-011																																											
221		POWER SUPPLY ASSY 10,13, 28 VDC		2014235-011																																											
220		LOGIC DRAWER ASSY NO. 2		2014037-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
219		LOGIC DRAWER ASSY NO. 1		2014036-011																																											
218		COUNTER, ELECTRICAL ASSY		2014288-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
217		POWER SUPPLY ASSY		2014279-011																																												
216		TEST MOUNT ASSY		2014257-011																																											
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
214		MAIN DSKY PEDESTAL MOUNT		2014343																																											
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
212		" " NAV DSKY		1006231																																											
211		" " AGC		1006230																																											
210		" " UNIVERSAL DSKY		1006422																																											
209		SHIPPING CONTAINER, AGC		1006421				II	NOTE 11C																																								
208		UNIVERSAL DSKY HANDLING FIXTURE		2014013-011				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
207		NAV DSKY HANDLING FIXTURE		1014377						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
206		MAIN DSKY HANDLING FIXTURE		1014354																																											
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE 11B																																								
204		OPERATION CONSOLE		2014024-011				II	NOTE 11C																																								
203		COMPUTER TEST SET		2014042-011		NAS-9-497				FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011		FNP12775																																										
201		AUXILIARY CALIBRATION CONSOLE		2014059-011		NAS-9-497																																										
200		AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE 11C																																								
21																																															
20		NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.125 -.015	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19		NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18		NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	.195 -.015	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
17		NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
16		NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.195 -.015	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7-16-65	
H		REVISED PER TDRR 20892			8-6-65	
J		REVISED PER TDRR 20904			8-17-65	
K		REVISED PER TDRR 21379			9-14-65	
L		REVISED PER TDRR 21410			9-28-65	
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750			10-15-65	
T		REVISED PER TDRR 22823			10-11-65	
U		REVISED PER TDRR 23072			10-11-65	
V		REVISED PER TDRR 23521			10-26-65	
W		REVISED PER TDRR 23824	RAJ		11-9-65	
Y		REVISED PER TDRR 24018	RAJ		11-15-65	
Z		REVISED PER TDRR 24040	RAJ		11-19-65	
AA		REVISED PER TDRR 24060	RAJ		11-19-65	
AB		REVISED PER TDRR 24868	RAJ		12-22-65	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-18-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-15-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		5-6-66	
		REVISED PER TDRR 26758				
AM		REVISED PER TDRR 27168	"		4-8-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27880	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-20-66	
AW		28110	"		5-16-66	
AY		28173	"		5-16-66	
AZ		28131	"		5-16-66	
BA		28124	"		5-16-66	
BB		REVISED PER TDRR 28511	"		5-16-66	

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

QTY. REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN R.Q. Jones 7-16-65
CHECKED D.J. Pruyn 7-26-65
APPROVED
APPROVED W. Hopkins 7/26/65
APPROVED MIT W. Hopkins 7/26/65
APPROVED MSC [illegible] 7-26-65
DATE

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260 | SHEET 3 OF 3 | SCALE NONE

1004260 PD

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DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
269	R	POWER CONTROL ASSY		2014044-021	NA	NAS 9-497	B	I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
268		SELF TEST ASSY		2014366-021																																												
267		AGC JUNCTION ASSY		2014341-021						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																									
266		POWER CONTROL ASSY		2014079-021																																												
265		BUFFER CIRCUIT ASSY		2014254-021																																										
264		DRAWER ASSY X Y INTERFACE		2014040-021																																										
263		DRAWER ASSY R D C INTERFACE		2014045-021																																										
262		DRAWER ASSY PROGRAMMER & MONITOR		2014041-021																																										
261		LOGIC DRAWER ASSY NO. 2		2014037-021						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
260		LOGIC DRAWER ASSY NO. 1		2014036-021				I	NOTE II B																																							
259		OPERATION CONSOLE		2014024-021				II	NOTE II C																																							
258		COMPUTER TEST SET		2014042-021																																											
257		AUXILIARY CALIBRATION CONSOLE		2014059-021				II	NOTE II C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
256		AGC CALIBRATION CONSOLE		2014049-021																																											
255		AGC HANDLING FIXTURE		2014282-021				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
254		DRAWER ASSY COMP. SIMULATOR		2014048-011				II	NOTE II C																																							
253		SHIPPING KIT ASSY, NAV DSKY		2016312-011						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011																																											
251		SHIPPING KIT ASSY, MAIN DSKY		2016313-011				II	NOTE II C																																							
250		AMPLIFIER, REWORK		2014386				I	NOTE II B	FOR DIMENSIONS. SEE DASH 15 VALUES BELOW																																								
249		TEMP MONITOR ASSY		2014343-011					NOTE II C	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
248		AGC JUNCTION ASSY		2014341-011					NOTE II B																																							
247		AC INPUT PANEL ASSY		2014302-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
246		SELF TEST ASSY		2014392 011																																											
245		TAPE PUNCH ASSEMBLY		2014039-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE II B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
243																																														
242																																														
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE II B	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW																																								
240		SELF TEST ASSEMBLY		2014366-011	NA		B	I		FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
239		POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
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231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011																																										
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228		ANTENNA TUNING CAPACITOR ASSY		2014209-011																																										
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226		POWER SUPPLY ASSY 3 VDC		2014234-011																																										
225		PANEL ASSY — SIGNAL INTERFACE		2014010-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
224		OSCILLOSCOPE ASSY		2014232-011																																										
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221		POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011																																										
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214		MAIN DSKY PEDESTAL MOUNT		2014343				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE II C																																							
212		NAV DSKY		1006231						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
211		AGC		1006230																																										
210		UNIVERSAL DSKY		1006422																																											
209		SHIPPING CONTAINER, AGC		1006421				II	NOTE II C																																							
208		UNIVERSAL DSKY HANDLING FIXTURE		2014013-011				I	NOTE II B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
207		NAV DSKY HANDLING FIXTURE		1014377																																										
206		MAIN DSKY HANDLING FIXTURE		2014334						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE II B																																							
204		OPERATION CONSOLE		2014024-011				II	NOTE II C																																							
203		COMPUTER TEST SET		2014042-011		NAS-9-497																																									
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011		FNP12775				FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
201		AUXILIARY CALIBRATION CONSOLE		2014059-011		NAS-9-497																																									
200		AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE II C																																							
21																																														
20		NA		NA	NA	NA	A	II	NOTE II C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.125	.093	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19		NA		NA	NA	NA	A	I	NOTE II B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18		NA		NA	NA	NA	B	II	NOTE II C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	.187	.125	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
17		NA		NA	NA	NA	B	I	NOTE II B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	.187	.125	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
16		NA		NA	NA	NA	B	II	NOTE II C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.125	.093	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	R	NA		NA	NA	NA	B	I	NOTE II B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

SYM	ZONE	REVISIONS DESCRIPTION	DR	CHK	DATE	APPROVED
		02768				
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7-16-65	
H		REVISED PER TDRR 20892			7-26-65	
J		REVISED PER TDRR 20904			7-30-65	
K		REVISED PER TDRR 21379			8-31-65	
L		REVISED PER TDRR 21410			9-1-65	
M		REVISED PER TDRR 21993			9-30-65	
N		REVISED PER TDRR 22621			11-1-65	
P		REVISED PER TDRR 22671			11-8-65	
R		REVISED PER TDRR 22672			11-8-65	
S		REVISED PER TDRR 22750			11-16-65	
T		REVISED PER TDRR 22823			11-29-65	
U		REVISED PER TDRR 23072			12-14-65	
V		REVISED PER TDRR 23521			1-26-66	
W		REVISED PER TDRR 23824	RAJ		2-9-66	
Y		REVISED PER TDRR 24018	RAJ		2-16-66	
Z		REVISED PER TDRR 24040	RAJ		2-19-66	
AA		REVISED PER TDRR 24060	RAJ		2-19-66	
AB		REVISED PER TDRR 24868	RAJ		3-22-66	
AC		REVISED PER TDRR 24973	RAJ		3-4-66	
AD		REVISED PER TDRR 25065	RAJ		3-18-66	
AE		REVISED PER TDRR 25672	RAJ		3-4-66	
AF		REVISED PER TDRR 25671	RAJ		3-4-66	
AG		REVISED PER TDRR 26110	RAJ		3-24-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-8-66	
AN		REVISED PER TDRR 27635	"		4-18-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27880	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-20-66	
AW		28110	"		5-16-66	
AY		28173	"		5-16-66	
AZ		28131	"		5-16-66	
BA		28124	"		5-16-66	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	

THIS SHEET ADDED
⑥ REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± ±.005 ± —
DO NOT SCALE THIS DRAWING
MATERIAL
SEE NOTE 11
AS APPLICABLE
NEXT ASSY USED ON
APPLICATION

MASTER

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN R.A. Jones 7-16-65
CHECKED D.G. Hoag 7-26-65
APPROVED
APPROVED
APPROVED MIT
APPROVED MSC
DATE

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 3 OF 4

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
269	R	POWER CONTROL ASSY		2014044-021	NA	NAS 9-497	B	I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
268	I	SELF TEST ASSY		2014366-021						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
267		AGC JUNCTION ASSY		2014341-021																																											
266		POWER CONTROL ASSY		2014079-021																																											
265		BUFFER CIRCUIT ASSY		2014254-021																																										
264		DRAWER ASSY X Y INTERFACE		2014040-021																																									
263		DRAWER ASSY R D C INTERFACE		2014045-021																																									
262		DRAWER ASSY PROGRAMMER & MONITOR		2014341-021						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																						
261		LOGIC DRAWER ASSY NO. 2		2014037-021				I	NOTE II B																																						
260		LOGIC DRAWER ASSY NO. 1		2014036-021																																										
259		OPERATION CONSOLE		2014024-021				II	NOTE II C																																						
258		COMPUTER TEST SET		2014042-021																																										
257		AUXILIARY CALIBRATION CONSOLE		2014059-021																																									
256		AGC CALIBRATION CONSOLE		2014049-021				II	NOTE II C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																						
255		AGC HANDLING FIXTURE		2014282-021				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																						
254		DRAWER ASSY COMP. SIMULATOR		2014048-011				II	NOTE II C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																						
253		SHIPPING KIT ASSY, NAV DSKY		2016312-011																																									
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011																																									
251		SHIPPING KIT ASSY, MAIN DSKY		2016313-011				II	NOTE II C																																						
250		AMPLIFIER, REWORK		2014386				I	NOTE II B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
249		TEMP MONITOR ASSY		2014313-011					NOTE II C	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																						
248		AGC JUNCTION ASSY		2014341-011					NOTE II B																																						
247		AC INPUT PANEL ASSY		2014302-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
246		SELF TEST ASSY		2014392-011																																										
245	I	TAPE PUNCH ASSEMBLY		2014039-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE II B																																						
243																																														
242																																														
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	1	NOTE II B	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW																																						
240	I	SELF TEST ASSEMBLY		2014366-011	NA		B	I		FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
239		POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																						
238		AC INPUT PANEL ASSY		2014043-011																																										
237		POWER CONTROL ASSY		2014079-011																																										
236		DRAWER ASSY-X Y INTERFACE		2014040-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
235		DRAWER ASSY R D C INTERFACE		2014045-011																																									
234		BUFFER CIRCUIT ASSY		2014254-011																																									
233		CONTROL & INTERFACE ASSY		2014204-011																																									
232		POWER CONTROL ASSY		2014044-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																						
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011																																									
230		CONNECTOR INTERFACE ASSY		2014272-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
229		CONNECTOR INTERFACE ASSY		2014047-011																																									
228		ANTENNA TUNING CAPACITOR ASSY		2014209-011																																									
227		MOUNTING FIXTURE ASSY		2014006-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																						
226		POWER SUPPLY ASSY 3 VDC		2014234-011																																									
225		PANEL ASSY—SIGNAL INTERFACE		2014010-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
224		OSCILLOSCOPE ASSY		2014232-011																																									
223		AUXILIARY OUTLET ASSY		2014274-011																																									
222		FREQUENCY COUNTER		2014233-011																																									
221		POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011																																									
220		LOGIC DRAWER ASSY NO. 2		2014037-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																						
219		LOGIC DRAWER ASSY NO. 1		2014036-011																																									
218		COUNTER, ELECTRICAL ASSY		2014288-011																																									
217		POWER SUPPLY ASSY		2014279-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
216		TEST MOUNT ASSY		2014257-011																																									
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011																																									
214		MAIN DSKY PEDESTAL MOUNT		2014343				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																						
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE II C																																						
212		" " NAV DSKY		1006231						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																						
211		" " AGC		1006230																																									
210		" " UNIVERSAL DSKY		1006422																																									
209		SHIPPING CONTAINER, AGC		1006421				II	NOTE II C																																						
208		UNIVERSAL DSKY HANDLING FIXTURE		2014013-011				I	NOTE II B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																						
207		NAV DSKY HANDLING FIXTURE		1014377						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																						
206		MAIN DSKY HANDLING FIXTURE		1014334																																									
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE II B																																						
204		OPERATION CONSOLE		2014024-011				II	NOTE II C																																						
203		COMPUTER TEST SET		2014042-011		NAS-9-497																																								
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011		FNP12775				FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																						
201		AUXILIARY CALIBRATION CONSOLE		2014059-011		NAS-9-497																																								
200		AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE II C																																						
21																																														
20		NA		NA	NA	NA	A	II	NOTE II C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.005 .013	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19		NA		NA	NA	NA	A	I	NOTE II B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18		NA		NA	NA	NA	B	II	NOTE II C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	.005 .013	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
17		NA		NA	NA	NA	B	I	NOTE II B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
16	I	NA		NA	NA	NA	B	II	NOTE II C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.005 .013	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	R	NA		NA	NA	NA	B	I	NOTE II B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

REVISIONS						
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/14/65	
H		REVISED PER TDRR 20892			7/26/65	
J		REVISED PER TDRR 20904	"		7/26/65	
K		REVISED PER TDRR 21379			9/9/65	
L		REVISED PER TDRR 21410			9/10/65	
M		REVISED PER TDRR 21993			10/1/65	
N		REVISED PER TDRR 22621			10/1/65	
P		REVISED PER TDRR 22671			10/1/65	
R		REVISED PER TDRR 22672			10/1/65	
S		REVISED PER TDRR 22750			10/1/65	
T		REVISED PER TDRR 22823			10/7/65	
U		REVISED PER TDRR 23072			10/21/65	
V		REVISED PER TDRR 23521			10/26/65	
W		REVISED PER TDRR 23824	RAJ		11-9-65	
Y		REVISED PER TDRR 24018	RAJ		11-9-65	
Z		REVISED PER TDRR 24040	RAJ		11-9-65	
AA		REVISED PER TDRR 24060	RAJ		11-9-65	
AB		REVISED PER TDRR 24868	RAJ		12-22-65	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-18-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-15-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-8-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27880	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-20-66	
AW		" " 28110	"		5-16-66	
AY		" " 28173	"		5-16-66	
AZ		" " 28131	"		5-16-66	
BA		" " 28124	"		5-16-66	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	

THIS SHEET ADDED
⑥ REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 11
AS APPLICABLE
NEXT ASSY USED ON
APPLICATION

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN R. A. Jones 7-16-65
CHECKED R. J. Tompkins 7-22-65
APPROVED
APPROVED W. Hopkins 8/4/65
APPROVED MIT W. Hopkins 8/4/65
APPROVED MSC 8-4-65

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 3 OF 3

1004260 EE

NOTICE - THIS DOCUMENT CONTAINS INFORMATION OF A PROPRIETARY NATURE AND IS LOANED SUBJECT TO AGREEMENT THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE USED, REPRODUCED OR DISCLOSED TO ANYONE OUTSIDE THE RECIPIENT'S ORGANIZATION EXCEPT AS AUTHORIZED IN WRITING BY RAYTHEON COMPANY. IT IS TO BE RETURNED ON DEMAND AND IN ANY EVENT WHEN NO LONGER NEEDED FOR THE PURPOSE FOR WHICH IT WAS LOANED.

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
272	R	SELF TEST ASSY		2014366-031	NA	NAS 9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW																																							
273		LOGIC DRAWER ASSY NO. 2		2014037-031						FOR DIMENSIONS - SEE DASH 17 VALUES BELOW																																								
270		DRAWING ASSY PROGRAMMER & MONITOR		2014041-031				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
271		LOGIC DRAWER ASSY NO. 1		2014036-031																																											
270		COMPUTER TEST SET		2014042-031				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
269		POWER CONTROL ASSY		2014044-021				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
268		SELF TEST ASSY		2014366-021						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
267		AGC JUNCTION ASSY		2014341-021																																											
266		POWER CONTROL ASSY		2014079-021																																										
265		BUFFER CIRCUIT ASSY		2014254-021																																									
264		DRAWER ASSY. X Y INTERFACE		2014040-021																																									
263		DRAWER ASSY R D C INTERFACE		2014045-021																																									
262		DRAWER ASSY PROGRAMMER & MONITOR		2014341-021				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
261		LOGIC DRAWER ASSY NO. 2		2014037-021																																									
260		LOGIC DRAWER ASSY NO. 1		2014036-021																																									
259		OPERATION CONSOLE		2014024-021				II	NOTE 11C																																					
258		COMPUTER TEST SET		2014042-021																																										
257		AUXILIARY CALIBRATION CONSOLE		2014059-021				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
256		AGC CALIBRATION CONSOLE		2014049-021				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
255		AGC HANDLING FIXTURE		2014282-021				II	NOTE 11C																																							
254		DRAWER ASSY COMP. SIMULATOR		2-14048-011						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
253		SHIPPING KIT ASSY, MAIN DSKY		2016312-011																																										
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011																																										
251		SHIPPING KIT ASSY, MAIN DSKY		2016313-011				II	NOTE 11C																																					
250		AMPLIFIER, REWORK		2014396				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
249		TEMP MONITOR ASSY		2014313-011					NOTE 11 C	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
248		AGC JUNCTION ASSY		2014341-011					NOTE 11 B																																							
247		AC INPUT PANEL ASSY		2014302-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
246		SELF TEST ASSY		2014392-011																																											
245		TAPE PUNCH ASSEMBLY		2014039-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS 9-497	B	I	NOTE 11 B																																							
243																																														
242																																														
241	R	APOLLO GUIDANCE COMPUTER GROUP		600 3001	NA	NAS 9-497	A	I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW																																							
240		SELF TEST ASSEMBLY		2014366-011	NA		B	I		FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
239		POWER SUPPLY ASSY-115 V., 400 CYCLE		2014207-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
238		AC INPUT PANEL ASSY		2014043-011																																											
237		POWER CONTROL ASSY		2014079-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
236		DRAWER ASSY-X Y INTERFACE		2014040-011																																										
235		DRAWER ASSY R D C INTERFACE		2014045-011																																									
234		BUFFER CIRCUIT ASSY		2014254-011																																										
233		CONTROL & INTERFACE ASSY		2014204-011																																									
232		POWER CONTROL ASSY		2014044-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011																																									
230		CONNECTOR INTERFACE ASSY		2014272-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
229		CONNECTOR INTERFACE ASSY		2014047-011																																										
228		ANTENNA, TUNING CAPACITOR ASSY		2014209-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
227		MOUNTING FIXTURE ASSY		2014006-011																																											
226		POWER SUPPLY ASSY 3 VDC		2014234-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
225		PANEL ASSY — SIGNAL INTERFACE		2014010-011																																										
224		OSCILLOSCOPE ASSY		2014232-011																																										
223		AUXILIARY OUTLET ASSY		2014274-011																																									
222		FREQUENCY COUNTER		2014233-011																																										
221		POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011																																										
220		LOGIC DRAWER ASSY NO. 2		2014037-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
219		LOGIC DRAWER ASSY NO. 1		2014036-011																																										
218		COUNTER, ELECTRICAL ASSY		2014288-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
217		POWER SUPPLY ASSY		2014279-011																																										
216		TEST MOUNT ASSY		2014257-011																																										
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
214		MAIN DSKY PEDESTAL MOUNT		2014343																																										
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE 11C																																						
212		" " NAV DSKY		1006231						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
211		" " AGC		1006230																																										
210		" " UNIVERSAL DSKY		1006422																																										
209		SHIPPING CONTAINER, AGC		1006421				II	NOTE 11C																																						
208		UNIVERSAL DSKY HANDLING FIXTURE		2014013-011				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
207		NAV DSKY HANDLING FIXTURE		1014377																																										
206		MAIN DSKY HANDLING FIXTURE		1014334						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE 11B																																							
204		OPERATION CONSOLE		2014024-011				II	NOTE 11C																																						
203		COMPUTER TEST SET		2014042-011		NAS-9-497																																								
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011		FNP12775				FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
201		AUXILIARY CALIBRATION CONSOLE		2014059-011		NAS-9-497																																								
200		AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE 11C																																							
21																																														
20		NA		NA	NA	NA	A	I	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19		NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18		NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	5.469	.156	NA	.156	.719	.344	3.875
17		NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	5.469	.156	NA	.156	.719	.344	NA
16		NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/16/65	
H		REVISED PER TDRR 20892			7/26/65	
J		REVISED PER TDRR 20904			7/28/65	
K		REVISED PER TDRR 21379			8/9/65	
L		REVISED PER TDRR 21410			8/18/65	
M		REVISED PER TDRR 21993			9/27/65	
N		REVISED PER TDRR 22621			11/4/65	
P		REVISED PER TDRR 22671			11/8/65	
R		REVISED PER TDRR 22672			11/8/65	
S		REVISED PER TDRR 22750			11/17/65	
T		REVISED PER TDRR 22823			11/29/65	
U		REVISED PER TDRR 23072			10/31/65	
V		REVISED PER TDRR 23521			10/26/65	
W		REVISED PER TDRR 23824	RAJ		11-9-65	
Y		REVISED PER TDRR 24018	RAJ		11-16-65	
Z		REVISED PER TDRR 24040	RAJ		11-19-65	
AA		REVISED PER TDRR 24060	RAJ		11-19-65	
AB		REVISED PER TDRR 24868	RAJ		12-22-65	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-18-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-17-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-8-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	B		4-8-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27880	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-20-66	
AW		28110	"		5-16-66	
AY		28173	"		5-16-66	
AZ		28131	"		5-16-66	
BA		28124	"		5-16-66	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	B		5-29-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29322	"		6-23-66	
BG		" " " 29429	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		"	
BL		" " " 29696	"		"	

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS DECIMALS ANGLES ± ±.005 ± —
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS
DRAWN R. Q. Jones 7-16-65
CHECKED R. J. Tempelman 7-22-65
APPROVED
APPROVED W. Hopkins 7/26/65
APPROVED MIT W. Hopkins 7/26/65
APPROVED MSC Robert Gilruth 9/1/65

MANNED SPACECRAFT CENTER HOUSTON, TEXAS
NAMEPLATES, APOLLO GEN-GSE (STANDARDS)
CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 3 OF

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
299	R																																														
298	R																																														
275	A	DRAWER ASSY RDC INTERFACE		2014045-031	NA	NAS 9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW																																								
274	A	SELF TEST ASSY		2014366-031						FOR DIMENSIONS - SEE DASH 17 VALUES BELOW																																								
273		LOGIC DRAWER ASSY NO. 2		2014037-031				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
272		DRAWING ASSY PROGRAMMER & MONITOR		2014041-031				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
271		LOGIC DRAWER ASSY NO. 1		2014036-031				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
270		COMPUTER TEST SET		2014042-031				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
269		POWER CONTROL ASSY		2014044-021				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
268		SELF TEST ASSY		2014366-021						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
267		ASC INTERCTION ASSY		2014341-021																																												
266		POWER CONTROL ASSY		2014379-021																																											
265		BUFFER CIRCUIT ASSY		2014254-021																																										
264		DRAWER ASSY X Y INTERFACE		2014040-021																																										
263		DRAWER ASSY RDC INTERFACE		2014045-021																																										
262		DRAWER ASSY PROGRAMMER & MONITOR		2014041-021																																										
261		LOGIC DRAWER ASSY NO. 2		2014037-021						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
260		LOGIC DRAWER ASSY NO. 1		2014036-021				I	NOTE 11 B																																								
259		OPERATION CONSOLE		2014024-021				II	NOTE 11C																																							
258	A	COMPUTER TEST SET		2014042-021				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
257		AUXILIARY CALIBRATION CONSOLE		2014059-021				II	NOTE 11C																																							
256		AGC CALIBRATION CONSOLE		2014039-021				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
255		AGC HANDLING FIXTURE		2014282-021				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
254		DRAWER ASSY COMP. SIMULATOR		2014048-011				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
253		SHIPPING KIT ASSY, NAV DSKY		2016312-011				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011																																											
251		SHIPPING KIT ASSY, MAIN DSKY		2016313-011				II	NOTE 11C																																							
250		AMPLIFIER, REWORK		2014386				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
249		TEMP MONITOR ASSY		2014313-011				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
248		ACC CALIBRATION ASSY		2014314-011				I	NOTE 11 B																																								
247		AC INPUT PANEL ASSY		2014302-011																																											
246		SELF TEST ASSY		2014392-011																																											
245		TAPE PUNCH ASSEMBLY		2014039-011																																										
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
243																																														
242																																														
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
240		SELF TEST ASSEMBLY		2014366-011	NA		B			FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
239		POWER SUPPLY ASSY-115V., 400 CYCLE		2013207-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
238		AC INPUT PANEL ASSY		2014043-011																																											
237		POWER CONTROL ASSY		2014079-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
236		DRAWER ASSY - X Y INTERFACE		2014040-011																																										
235		DRAWER ASSY RDC INTERFACE		2014045-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
234		BUFFER CIRCUIT ASSY		2014254-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
233		CONTROL & INTERFACE ASSY		2014204-011																																											
232		POWER CONTROL ASSY		2014044-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011																																										
230		CONNECTOR INTERFACE ASSY		2014272-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
229		CONNECTOR INTERFACE ASSY		2014047-011																																										
228		ANTENNA TUNING CAPACITOR ASSY		2014209-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
227		MOUNTING FIXTURE ASSY		2014006-011																																										
226		POWER SUPPLY ASSY 3 VDC		2014234-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
225		PANEL ASSY - SIGNAL INTERFACE		2014010-011																																										
224		OSCILLOSCOPE ASSY		2014232-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
223		AUXILIARY OUTLET ASSY		2014274-011																																										
222		FREQUENCY COUNTER		2014233-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
221		POWER SUPPLY ASSY 10,13, 28 VDC		2014235-011																																										
220		LOGIC DRAWER ASSY NO. 2		2014037-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
219		LOGIC DRAWER ASSY NO. 1		2014036-011																																										
218		COUNTER, ELECTRICAL ASSY		2014288-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
217		POWER SUPPLY ASSY		2014279-011																																											
216		TEST MOUNT ASSY		2014257-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011																																										
214		MAIN DSKY PEDESTAL MOUNT		2014345				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE 11C																																								
212		NAV DSKY		1006231						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
211		AGC		1006230																																										
210		UNIVERSAL DSKY		1006422																																											
209		SHIPPING CONTAINER, AGC		1006421				II	NOTE 11C																																							
208		UNIVERSAL DSKY HANDLING FIXTURE		2014043-011					NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
207		NAV DSKY HANDLING FIXTURE		1014377				I	NOTE 11B																																								
206		MAIN DSKY HANDLING FIXTURE		1014334				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
204		OPERATION CONSOLE		2014024-011				II	NOTE 11C																																							
203		COMPUTER TEST SET		2014042-011		NAS-9-497																																								
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011		FNR-12775																																								
201		AUXILIARY CALIBRATION CONSOLE		2014059-011		NAS-9-497																																								
200		AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
21																																														
20		NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19		NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18		NA		NA	NA	NA	B	II	NOTE 11C	4.187	.875	3.469	2.750	.156	.093	.156	.125	.093	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
17		NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
16		NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854				
H		REVISED PER TDRR 20892				
J		REVISED PER TDRR 20904				
K		REVISED PER TDRR 21379				
L		REVISED PER TDRR 21410				
M		REVISED PER TDRR 2 993				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072				
V		REVISED PER TDRR 23521				
W		REVISED PER TDRR 23824	RAJ		11-9-65	
Y		REVISED PER TDRR 24018	RAJ		11-29-65	
Z		REVISED PER TDRR 24040	RAJ		11-29-65	
AA		REVISED PER TDRR 24060	RAJ		11-29-65	
AB		REVISED PER TDRR 24868	RAJ		12-22-65	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-19-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-25-66	
AH		REVISED PER TDRR 26372	"	A	3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27144	"		4-8-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27880	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-20-66	
AW		" " " 28110	"		5-16-66	
AY		" " " 28173	"		5-16-66	
AZ		" " " 28131	"		5-16-66	
BA		" " " 28124	"		5-16-66	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-26-66	
BD		" " " 29022	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29322	"		6-29-66	
BG		" " " 29429	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		"	
BL		" " " 29696	"		"	
BM		" " " 29802	JSD	N.C.	8-29-66	

THIS SHEET ADDED ⑥
⑥ REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN T. G. Jones 7-19-65
CHECKED [illegible]
APPROVED [illegible]
APPROVED [illegible]
APPROVED MIT [illegible]
APPROVED MSC [illegible]
DATE

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 5 OF 6

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
299	R																																														
298	R																																															
275	R	DRAWER ASSY RDC INTERFACE		2014045-031	NA	NAS9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW																																								
274	R	SELF TEST ASSY		2014366-031						FOR DIMENSIONS SEE DASH 17 VALUES BELOW																																									
273		LOGIC DRAWER ASSY NO. 2		2014037-031																																												
272		DRAWING ASSY PROGRAMMER & MONITOR		2014041-031						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
271		LOGIC DRAWER ASSY NO. 1		2014036-031				I	NOTE 11 B																																								
270		COMPUTER TEST SET		2014042-031				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
269		POWER CONTROL ASSY		2014048-021				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
268		SELF TEST ASSY		2014366-021																																												
267		AGC JUNCTION ASSY		2014341-021																																												
266		POWER CONTROL ASSY		2014079-021						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
265		BUFFER CIRCUIT ASSY		2014254-021																																											
264		DRAWER ASSY X Y INTERFACE		2014040-021																																											
263		DRAWER ASSY R DC INTERFACE		2014045-021																																											
262		DRAWER ASSY PROGRAMMER & MONITOR		2014041-021																																											
261		LOGIC DRAWER ASSY NO. 2		2014037-021						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
260		LOGIC DRAWER ASSY NO. 1		2014036-021				I	NOTE 11 B																																								
259		OPERATION CONSOLE		2014024-021				II	NOTE 11C																																								
258	R	COMPUTER TEST SET		2014042-021																																											
257		AUXILIARY CALIBRATION CONSOLE		2014059-021																																											
256		AGC CALIBRATION CONSOLE		2014049-021						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
255		AGC HANDLING FIXTURE		2014282-021				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
254		DRAWER ASSY COMP. SIMULATOR		2014048-011				II	NOTE 11C																																								
253		SHIPPING KIT ASSY, NAV DSKY		2016312-011						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011																																												
251		SHIPPING KIT ASSY, MAIN DSKY		2016313-011				II	NOTE 11C																																								
250		AMPLIFIER, REWORK		2014386				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
249		TEMP MONITOR ASSY		2014313-011					NOTE 11C	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
248		AGC JUNCTION ASSY		2014341-011					NOTE 11B																																								
247		AC INPUT PANEL ASSY		2014302-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
246		SELF TEST ASSY		2014392-011																																												
245	I	TAPE PUNCH ASSEMBLY		2014039-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11 B																																								
243																																															
242																																															
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW																																								
240	R	SELF TEST ASSEMBLY		2014366-011	NA		B	I		FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
239		POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
238		AC INPUT PANEL ASSY		2014043-011																																												
237		POWER CONTROL ASSY		2014079-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
236		DRAWER ASSY-XY INTERFACE		2014040-011																																											
235		DRAWER ASSY RDC INTERFACE		2014045-011																																											
234		BUFFER CIRCUIT ASSY		2014254-011																																											
233		CONTROL & INTERFACE ASSY		2014204-011																																											
232		POWER CONTROL ASSY		2014044-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011																																											
230		CONNECTOR INTERFACE ASSY		2014272-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
229		CONNECTOR INTERFACE ASSY		2014047-011																																											
228		ANTENNA TUNING CAPACITOR ASSY		2014209-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
227		MOUNTING FIXTURE ASSY		2014006-011																																											
226		POWER SUPPLY ASSY 3 VDC		2014234-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
225		PANEL ASSY-SIGNAL INTERFACE		2014010-011																																											
224		OSCILLOSCOPE ASSY		2014232-011																																											
223		AUXILIARY OUTLET ASSY		2014274-011																																											
222		FREQUENCY COUNTER		2014233-011																																											
221		POWER SUPPLY ASSY 10,13, 28 VDC		2014235-011																																											
220		LOGIC DRAWER ASSY NO. 2		2014037-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
219		LOGIC DRAWER ASSY NO. 1		2014036-011																																											
218		COUNTER, ELECTRICAL ASSY		2014288-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
217		POWER SUPPLY ASSY		2014279-011																																												
216		TEST MOUNT ASSY		2014257-011																																											
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
214		MAIN DSKY PEDESTAL MOUNT		2014343				I	NOTE 11B																																								
213		SHIPPING CONTAINER, MAIN DSKY		ICC229				II	NOTE 11C																																								
212		" " NAV DSKY		1006231						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
211		" " AGC		1006230																																											
210		" " UNIVERSAL DSKY		1006422																																											
209		SHIPPING CONTAINER, AGC		1006421				II	NOTE 11C																																								
208		UNIVERSAL DSKY HANDLING FIXTURE		2014013-011				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
207		NAV DSKY HANDLING FIXTURE		1014377						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
206		MAIN DSKY HANDLING FIXTURE		1014334																																											
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE 11B																																								
204		OPERATION CONSOLE		2014024-011				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
203		COMPUTER TEST SET		2014042-011		NAS-9-497																																										
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011		ENA-2775																																										
201		AUXILIARY CALIBRATION CONSOLE		2014059-011		NAS-9-497																																										
200		AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE 11C																																								
21																																															
20		NA		NA	NA	NA	A	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19		NA		NA	NA	NA	A	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18		NA		NA	NA	NA	B	II	NOTE 11 C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	.093	.125	1.625	1.032	.844	.656	.406	.093	.344	.156	1.781	1.531	2.844	.312	.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
17		NA		NA	NA	NA	B	I	NOTE 11 B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
16		NA		NA	NA	NA	B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	R	NA		NA	NA	NA	B	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

SYM	ZONE	DESCRIPTION	BR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854				
H		REVISED PER TDRR 20892				
J		REVISED PER TDRR 20904				
K		REVISED PER TDRR 21379				
L		REVISED PER TDRR 214.0				
M		REVISED PER TDRR 2 943				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072				
V		REVISED PER TDRR 23521				
W		REVISED PER TDRR 23824	RAJ		11-9-66	
Y		REVISED PER TDRR 24018	RAJ		11-16-66	
Z		REVISED PER TDRR 24040	RAJ		11-15-66	
AA		REVISED PER TDRR 24060	RAJ		11-19-66	
AB		REVISED PER TDRR 24868	RAJ		12-22-66	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-10-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-24-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-6-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-8-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27880	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-20-66	
AW		28110	"		5-16-66	
AY		28173	"		5-16-66	
AZ		28131	"		5-16-66	
BA		28124	"		5-16-66	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	
BD		" " " 29022	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29322	"		6-23-66	
BG		" " " 29429	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		"	
BL		" " " 29696	"		"	
BM		" " " 29802	JSD	N.C.	7-29-66	
BN		REVISION STATUS CHANGED	JE	C.W.	9-29-66	

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON TEXAS

DRAWN R. G. Jones 9-16-66
CHECKED R. G. Jones 9-22-66
APPROVED
APPROVED W. Hopkins 9-24-66
APPROVED MIT W. Hopkins 9-24-66
APPROVED MSC [illegible] 9-29-66
DATE

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | SHEET 1 OF 6

ITEM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			9-17-65	
H		REVISED PER TDRR 20892			10-8-65	
J		REVISED PER TDRR 20904			10-8-65	
K		REVISED PER TDRR 21379			10-8-65	
L		REVISED PER TDRR 21410			10-8-65	
M		REVISED PER TDRR 21993			10-8-65	
N		REVISED PER TDRR 22621			10-8-65	
P		REVISED PER TDRR 22671			10-8-65	
R		REVISED PER TDRR 22672			10-8-65	
S		REVISED PER TDRR 22750			10-8-65	
T		REVISED PER TDRR 22823			10-8-65	
U		REVISED PER TDRR 23072			10-8-65	
V		REVISED PER TDRR 23521			10-26-65	
W		REVISED PER TDRR 23824	RAJ		11-9-65	
Y		REVISED PER TDRR 24018	RAJ		11-16-65	
Z		REVISED PER TDRR 24046	RAJ		11-19-65	
AA		REVISED PER TDRR 24060	RAJ		11-19-65	
AB		REVISED PER TDRR 24868	RAJ		12-22-65	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-10-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-15-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27148	"		4-8-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27779	"		4-20-66	
AU		REVISED PER TDRR 27880	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-20-66	
AW		28110	"		5-16-66	
AY		28173	"		5-16-66	
AZ		28131	"		5-16-66	
BA		28124	"		5-16-66	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		28949	"		5-20-66	
BD		29222	"		6-8-66	
BE		29235	"			
BF		29122	"		6-27-66	
BG		29429	"		"	
BH		29449	"		"	
BJ		29335	"		"	
BK		29619	"		"	
BL		29696	"		"	
BM		29802	JSD	N.G.	8-29-66	
BN		REVISION STATUS CHANGED	JE	RW	9-8-66	
BP		REVISED PER TDRR 30168	JE	RW	9-8-66	

ITEM	ZONE	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
77	R		COMPUTER TEST SET		2014042-041	N.A	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
76			DRAWER ASSY - PROGRAM & MONITOR		2014041-041				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
75			DRAWER ASSY RDC INTERFACE		2014045-031						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
74			SELF TEST ASSY		2014366-031						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
73			LOGIC DRAWER ASSY NO. 2		2014037-031																																										
72			DRAWING ASSY PROGRAMMER & MONITOR		2014041-031																																										
71			LOGIC DRAWER ASSY NO. 1		2014036-031				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
70			COMPUTER TEST SET		2014042-031				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
69			POWER CONTROL ASSY		2014044-021				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
68			SELF TEST ASSY		2014366-021																																										
67			AGC JUNCTION ASSY		2014334-021																																										
66			POWER CONTROL ASSY		2014279-021						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
65			BUFFER CIRCUIT ASSY		2014254-021																																										
64			DRAWER ASSY X Y INTERFACE		2014040-021																																										
63			DRAWER ASSY RDC INTERFACE		2014045-021																																										
62			DRAWER ASSY PROGRAMMER & MONITOR		2014041-021																																										
61			LOGIC DRAWER ASSY NO. 2		2014037-021				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
60			LOGIC DRAWER ASSY NO. 1		2014036-021																																										
59			OPERATION CONSOLE		2014024-021				II	NOTE 11C																																					
58			COMPUTER TEST SET		2014042-021																																										
57			AUXILIARY CALIBRATION CONSOLE		2014059-021																																									
56			AGC CALIBRATION CONSOLE		2014049-021						NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
55			AGC HANDLING FIXTURE		2014282-021				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
54			DRAWER ASSY COMP. SIMULATOR		2014048-011				II	NOTE 11C																																					
53			SHIPPING KIT ASSY, NAV DSKY		20163 2-011																																									
52			SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
51			SHIPPING KIT ASSY, MAIN DSKY		2016313-011				II	NOTE 11C																																					
50			AMPLIFIER, REWORK		2014386				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
49			TEMP MONITOR ASSY		2014313-011					NOTE 11C	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
48			AGC JUNCTION ASSY		2014334-011					NOTE 11B																																						
47			AC INPUT PANEL ASSY		2014302-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
46			SELF TEST ASSY		2014392-011																																										
45			TAPE PUNCH ASSEMBLY		2014039-011						FOR DIMENSIONS, SEE DASH 5 VALUES BELOW																																							
44	R		TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11B																																						
43																																														
42																																														
41	R		APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	1	NOTE 11B	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW																																						
40			SELF TEST ASSEMBLY		2014366-011	NA		B	I		FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
39			POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
38			AC INPUT PANEL ASSY		2014043-011																																										
37			POWER CONTROL ASSY		2014079-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
36			DRAWER ASSY - XY INTERFACE		2014040-011																																										
35			DRAWER ASSY RDC INTERFACE		2014045-011																																										
34			BUFFER CIRCUIT ASSY		2014254-011																																										
33			CONTROL INTERFACE ASSY		2014204-011																																										
32			POWER CONTROL ASSY		2014144-011						FOR DIMENSIONS, SEE-DASH 17 VALUES BELOW																																							
31			DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011																																										
30			CONNECTOR INTERFACE ASSY		2014272-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
29			CONNECTOR INTERFACE ASSY		2014047-011																																										
28			ANTENNA TUNING CAPACITOR ASSY		2014209-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
27			MOUNTING FIXTURE ASSY		2014006-011																																										
26			POWER SUPPLY ASSY 3 VDC		2014234-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
25			PANEL ASSY - SIGNAL INTERFACE		2014010-011																																										
24			OSCILLOSCOPE ASSY		2014232-011																																										
23			AUXILIARY OUTLET ASSY		2014274-011																																										
22			FREQUENCY COUNTER		2014233-011																																										
21			POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011																																										
20			LOGIC DRAWER ASSY NO. 2		2014037-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
19			LOGIC DRAWER ASSY NO. 1		2014036-011																																										
18			COUNTER, ELECTRICAL ASSY		2014288-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
17			POWER SUPPLY ASSY		2014279-011																																										
16			TEST MOUNT ASSY		2014257-011																																										
15			UNIVERSAL DSKY PEDESTAL MOUNT		2014314-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
14			MAIN DSKY PEDESTAL MOUNT		2014343				I	NOTE 11B																																							
13			SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE 11C																																							
12			NAV DSKY		1006231						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
11			AGC		1006230																																										
10			UNIVERSAL DSKY		1006-22																																										
09			SHIPPING CONTAINER, AGC		1006421				II	NOTE 11C																																							
08			UNIVERSAL DSKY HANDLING FIXTURE		2014603-011				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
07			NAV DSKY HANDLING FIXTURE		1014377																																										
06			MAIN DSKY HANDLING FIXTURE		1014334						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
05			AGC HANDLING PIXTURE		2014282-011				I	NOTE 11B																																							
04			OPERATION CONSOLE		2014024-011				II	NOTE 11C																																							
03			COMPUTER TEST SET		2014042-011		NAS-9-497				FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
02			DRAWER ASSY, COMPUTER SIMULATOR		2014048-011		NAS-9-497																																									
01			AUXILIARY CALIBRATION CONSOLE		2014059-011		NAS-9-497																																									
00			AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE 11C																																							
21																																														
20			NA			NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.75	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19			NA			NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18			NA			NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	.75	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.78	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
17			NA			NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.78	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
16			NA			NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.75	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	R		NA			NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

THIS SHEET ADDED

(G) REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

QTY REQD	PART OR IDENTIFYING NO	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO
	LIST OF MATERIALS			

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ± .005 ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL: SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE MASS

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN R. G. Jones 7-1-66
CHECKED R. J. Trapp 7-22-66
APPROVED
APPROVED MIT
APPROVED MSC
DATE

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | SHEET 3 OF 3

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
299	R																																															
298	R																																															
277	R	COMPUTER TEST SET		2014042-041	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
276		DRAWER ASSY - PROGRAM & MONITOR		2014041-041				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
275		DRAWER ASSY RDC INTERFACE		2014045-031																																												
274		SELF TEST ASSY		2014366-031						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
273		LOGIC DRAWER ASSY NO. 2		2014037-031						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
272		DRAWING ASSY PROGRAMMER & MONITOR		2014041-031																																												
271		LOGIC DRAWER ASSY NO. 1		2014036-031				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
270		COMPUTER TEST SET		2014042-03				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 16 VALUES BELOW																																								
269		POWER CONTROL ASSY		2014044-021				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
268		SELF TEST ASSY		2014366-021																																												
267		AGC JUNCTION ASSY		2014341-021																																												
266		POWER CONTROL ASSY		2014079-021																																												
265		BUFFER CIRCUIT ASSY		2014254-02																																											
264		DRAWER ASSY XY INTERFACE		2014040-021																																											
263		DRAWER ASSY RDC INTERFACE		2014045-021																																											
262		DRAWER ASSY PROGRAMMER & MONITOR		2014041-021																																											
261		LOGIC DRAWER ASSY NO. 2		2014037-021						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
260		LOGIC DRAWER ASSY NO. 1		2014036-021				I	NOTE 11B																																								
259		OPERATION CONSOLE		2014024-021				II	NOTE 11C																																							
258		COMPUTER TEST SET		2014042-021																																											
257		AUXILIARY CALIBRATION CONSOLE		2014059-021				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
256		AGC CALIBRATION CONSOLE		2014049-021																																											
255		AGC HANDLING FIXTURE		2014282-021				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
254		DRAWER ASSY COMP. SIMULATOR		2014048-011				II	NOTE 11C																																							
253		SHIPPING KIT ASSY, [illegible] DSKY		2016312-011						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011																																											
251		SHIPPING KIT ASSY, MAIN DSKY		2016313-011				II	NOTE 11C																																							
250		AMPLIFIER, REWORK		2014386				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
249		TEMP MONITOR ASSY		2014313-011					NOTE 11C	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
248		AGC JUNCTION ASSY		2014341-021					NOTE 11B																																							
247		AC INPUT PANEL ASSY		2014302-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
246		SELF TEST ASSY		2014392-011																																												
245		TAPE PUNCH ASSEMBLY		2014039-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11B																																							
243																																														
242																																														
241	R	APOLLO GUIDANCE COMPUTER GROUP		5003001	NA	NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW																																								
240		SELF TEST ASSEMBLY		2014366-011	NA		B	I		FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
239		POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
238		AC INPUT PANEL ASSY		2014043-011																																												
237		POWER CONTROL ASSY		2014079-011																																												
236		DRAWER ASSY-XY INTERFACE		2014040-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
235		DRAWER ASSY RDC INTERFACE		2014045-011																																											
234		BUFFER CIRCUIT ASSY		2014254-011																																											
233		CONTROL & INTERFACE ASSY		2014204-011																																											
232		POWER CONTROL ASSY		2014044-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011																																											
230		CONNECTOR INTERFACE ASSY		2014272-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
229		CONNECTOR INTERFACE ASSY		2014047-011																																											
228		ANTENNA TUNING CAPACITOR ASSY		2014209-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
227		MOUNTING FIXTURE ASSY		2014006-011																																											
226		POWER SUPPLY ASSY 3 VDC		2014234-011																																											
225		PANEL ASSY - SIGNAL INTERFACE		2014010-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
224		OSCILLOSCOPE ASSY		2014232-011																																											
223		AUXILIARY OUTLET ASSY		2014274-011																																											
222		FREQUENCY COUNTER		2014233-011																																											
221		POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011																																											
220		LOGIC DRAWER ASSY NO. 2		2014037-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
219		LOGIC DRAWER ASSY NO. 1		2014036-011																																											
218		COUNTER, ELECTRICAL ASSY		2014288-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
217		POWER SUPPLY ASSY		2014279-011																																											
216		TEST MOUNT ASSY		2014257-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011				I	NOTE 11B																																							
214		MAIN DSKY PEDESTAL MOUNT		2014343				II	NOTE 11C																																							
213		SHIPPING CONTAINER, MAIN DSKY		1006229																																										
212		NAV DSKY		1006231						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
211		AGC		1006230																																										
210		UNIVERSAL DSKY		1006222																																											
209		SHIPPING CONTAINER, AGC		1006421				II	NOTE 11C																																							
208		UNIVERSAL DSKY HANDLING FIXTURE		2014013-011				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
207		NAV DSKY HANDLING FIXTURE		1014377																																											
206		MAIN DSKY HANDLING FIXTURE		1014334						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE 11B																																							
204		OPERATION CONSOLE		2014024-011				II	NOTE 11C																																							
203		COMPUTER TEST SET		2014042-011	-	NAS-9-497				FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011		NAS-9-497																																										
201		AUXILIARY CALIBRATION CONSOLE		2014059-011		NAS-9-497																																										
200		AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE 11C																																							
21																																														
20		NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19		NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18		NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	.125	1.625	1.032	.844	.656	.406	.093	.344	.156	1.781	1.531	2.844	.312	1.5x28	.875	.062	NA	.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
17		NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
16		NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854				
H		REVISED PER TDRR 20892				
J		REVISED PER TDRR 20904				
K		REVISED PER TDRR 21379				
L		REVISED PER TDRR 21410				
M		REVISED PER TDRR 2 [illegible]				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072				
V		REVISED PER TDRR 23521				
W		REVISED PER TDRR 23824	RAJ			
Y		REVISED PER TDRR 24018	RAJ			
Z		REVISED PER TDRR 24040	RAJ			
AA		REVISED PER TDRR 24060	RAJ			
AB		REVISED PER TDRR 24868	RAJ			
AC		REVISED PER TDRR 24973	RAJ			
AD		REVISED PER TDRR 25065	RAJ			
AE		REVISED PER TDRR 25672	RAJ			
AF		REVISED PER TDRR 25671	RAJ			
AG		REVISED PER TDRR 26110	RAJ			
AH		REVISED PER TDRR 26372	"			
AJ		REVISED PER TDRR 26425	"			
AK		REVISED PER TDRR 26743	"			
AL		REVISED PER TDRR 26736	"			
AM		REVISED PER TDRR 27165	"			
AN		REVISED PER TDRR 27235	"			
AP		REVISED PER TDRR 27345	"			
AR		REVISED PER TDRR 27417	"			
AS		REVISED PER TDRR 27442	"			
AT		REVISED PER TDRR 27719	"			
AU		REVISED PER TDRR 27880	"			
AV		REVISED PER TDRR 27896	"			
AW		28110	"			
AY		28173	"			
AZ		28131	"			
BA		28124	"			
BB		REVISED PER TDRR 28511	"			
BC		" " " 26949	"			
BD		" " " 29222	"			
BE		" " " 29235	"			
BF		" " " 29322	"			
BG		" " " 29429	"			
BH		" " " 29449	"			
BJ		" " " 29335	"			
BK		" " " 29619	"			
BL		" " " 29696	"			
BM		" " " 29902	JSD	N.C.		
BN		REVISION STATUS CHANGED	JZ			
BP		REV IND PER TDRR 30168	JZ			
BR		REVISION STATUS CHANGED	JZ			

THIS SHEET ADDED

Ⓖ REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

NOTES FOR TABLE

STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

QTY REQD	PART OR IDENTIFYING NO	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO
			LIST OF MATERIALS	

AS APPLICABLE | NEXT ASSY | USED ON | APPLICATION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. CAPACITOR VALUES ARE IN μf. RESISTOR VALUES ARE IN OHMS. TOLERANCES ON FRACTIONS ± —, DECIMALS ANGLES .# ± —, .00# ± —. DO NOT SCALE THIS DRAWING.

MATERIAL: SEE NOTE 11

MIT INSTRUMENTATION LAB, CAMBRIDGE MASS

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN [illegible] 7-1966
CHECKED [illegible]
APPROVED [illegible]
APPROVED [illegible]
APPROVED MIT [illegible]
APPROVED MSC [illegible]

NAMEPLATES, APOLLO GEN-GSE, (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260

DATE | SCALE NONE | SHEET 1 OF 2

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AF	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
299	R	CANCELLED TEST SET		2014042-041	NA	NAS 9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
276		DRAWER ASSY - PROGRAM & MONITOR		2014041-041				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
275		DRAWER ASSY RDC INTERFACE		2014045-031																																												
274		SELF TEST ASSY		2014366-031						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
273		LOGIC DRAWER ASSY NO. 2		2014037-031						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
272		DRAWING ASSY PROGRAMMER & MONITOR		2014041-031																																											
271		LOGIC DRAWER ASSY NO. 1		2014036-031				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
270		COMPUTER TEST SET		2014042-031				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
269		POWER CONTROL ASSY		2014044-021				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
268		SELF TEST ASSY		2014366-021																																												
267		ASC JUNCTION ASSY		2014334-021																																											
266		POWER CONTROL ASSY		2014079-021																																											
265		BUFFER CIRCUIT ASSY		2014254-021						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
264		DRAWER ASSY X Y INTERFACE		2014040-021																																											
263		DRAWER ASSY R D C INTERFACE		2014045-021																																											
262		DRAWER ASSY PROGRAMMER & MONITOR		2014041-021																																											
261		LOGIC DRAWER ASSY NO. 2		2014037-021						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
260		LOGIC DRAWER ASSY NO. 1		2014036-021				I	NOTE 11B																																								
259		OPERATION CONSOLE		2014024-021				II	NOTE 11C																																							
258		COMPUTER TEST SET		2014042-021																																											
257		AUXILIARY CALIBRATION CONSOLE		2014059-021				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
256		AGC CALIBRATION CONSOLE		2014049-021																																											
255		AGC HANDLING FIXTURE		2014282-021				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
254		DRAWER ASSY COMP. SIMULATOR		2014048-011				II	NOTE 11C																																							
253		SHIPPING KIT ASSY, NAV DSKY		2016312-011						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011																																											
251		SHIPPING KIT ASSY, MAIN DSKY		2016313-011				II	NOTE 11C																																							
250		COMPUTER, REWORK		2011386				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
249		TEMP MONITOR ASSY		2014313-011						NOTE 11C FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
248		AGC JUNCTION ASSY		2014334-021						NOTE 11B																																							
247		AC INPUT PANEL ASSY		2014302-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
246		SELF TEST ASSY		2014392-011																																												
245		TAPE PUNCH ASSEMBLY		2014039-011																																											
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS 9-497	B	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
243																																														
242																																														
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS 9-497	A	1	NOTE 11B	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW																																							
240		SELF TEST ASSEMBLY		2014366-011	NA		B	I		FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
239		POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
238		AC INPUT PANEL ASSY		2014043-011																																											
237		POWER CONTROL ASSY		2014079-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
236		DRAWER ASSY - X Y INTERFACE		2014040-011																																											
235		DRAWER ASSY RDC INTERFACE		2014045-011																																											
234		BUFFER CIRCUIT ASSY		2014254-011																																											
233		CONTROL INTERFACE ASSY		2014204-011																																											
232		POWER CONTROL ASSY		2014044-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011																																											
230		CONNECTOR INTERFACE ASSY		2014272-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
229		CONNECTOR INTERFACE ASSY		2014047-011																																											
228		ANTENNA TUNING CAPACITOR ASSY		2014209-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
227		MOUNTING FIXTURE ASSY		2014006-011																																											
226		POWER SUPPLY ASSY 3 VDC		2014234-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
225		PANEL ASSY - SIGNAL INTERFACE		2014010-011																																											
224		OSCILLOSCOPE ASSY		2014232-011																																											
223		AUXILIARY OUTLET ASSY		2014274-011																																											
222		FREQUENCY COUNTER		2014233-011																																											
221		POWER SUPPLY ASSY, 10, 13, 28 VDC		2014235-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
220		LOGIC DRAWER ASSY NO. 2		2014037-011																																											
219		LOGIC DRAWER ASSY NO. 1		2014036-011																																											
218		COUNTER, ELECTRICAL ASSY		2014288-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
217		POWER SUPPLY ASSY		2014279-011																																												
216		TEST MOUNT ASSY		2014357-011																																											
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014144-011																																											
214		MAIN DSKY PEDESTAL MOUNT		2014343				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
213		SHIPPING CONTAINER, MAIN DSKY		1003229				II	NOTE 11C																																							
212		NAV DSKY		1006231						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
211		AGC		1006230																																											
210		UNIVERSAL DSKY		1006232																																											
209		SHIPPING CONTAINER, AGC		1006421				II	NOTE 11C																																							
208		UNIVERSAL DSKY HANDLING FIXTURE		2014031-011				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
207		NAV DSKY HANDLING FIXTURE		1004377																																											
206		MAIN DSKY HANDLING FIXTURE		1004334						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE 11B																																								
204		OPERATION CONSOLE		2014024-011				II	NOTE 11C																																							
203		COMPUTER TEST SET		2014042-011		NAS 9-497				FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011		NAS 9-497																																										
201		AUXILIARY CALIBRATION CONSOLE		2014059-011																																											
200		AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE 11C																																								
21																																														
20		NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.75	.093	1.187	.750	.593	.453	1.015	.062	.187	.578	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19		NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18		NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	.75	.125	1.625	1.032	.844	.656	.406	.093	.344	.156	1.78	1.531	2.844	.312	3.625	.875	.922	NA	1.218	.500	.156	7.93	3.469	.156	NA	.156	7.93	.344	3.875
17		NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	.406	.093	.344	.156	1.78	1.531	2.844	.312	NA	NA	.062	.062	1.218	.500	.156	7.93	3.469	.156	NA	.156	7.93	.344	NA
16		NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.93	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

ZONE	DESCRIPTION	BY	CHK	DATE
G	REPLACES REV F WITH CHANGE PER TDRR 20854			
H	REVISED PER TDRR 20892			
J	REVISED PER TDRR 20904			
K	REVISED PER TDRR 21379			
L	REVISED PER TDRR 21410			
M	REVISED PER TDRR 21993			
N	REVISED PER TDRR 22621			
P	REVISED PER TDRR 22671			
R	REVISED PER TDRR 22672			
S	REVISED PER TDRR 22790			
T	REVISED PER TDRR 22823			
U	REVISED PER TDRR 23072			
V	REVISED PER TDRR 23521			
W	REVISED PER TDRR 23824	RAJ		
Y	REVISED PER TDRR 24018	RAJ		
Z	REVISED PER TDRR 24040	RAJ		
AA	REVISED PER TDRR 24060	RAJ		
AB	REVISED PER TDRR 24868	RAJ		
AC	REVISED PER TDRR 24973	RAJ		
AD	REVISED PER TDRR 25065	RAJ		
AE	REVISED PER TDRR 25672	RAJ		
AF	REVISED PER TDRR 25671	RAJ		
AG	REVISED PER TDRR 26110	RAJ		
AH	REVISED PER TDRR 26372	"		
AJ	REVISED PER TDRR 26425	"		
AK	REVISED PER TDRR 26743	"		
AL	REVISED PER TDRR 26798	"		
AM	REVISED PER TDRR 27148	"		
AN	REVISED PER TDRR 27235	"		
AP	REVISED PER TDRR 27345	"		
AR	REVISED PER TDRR 27417	"		
AS	REVISED PER TDRR 27442	"		
AT	REVISED PER TDRR 27719	"		
AU	REVISED PER TDRR 27880	"		
AV	REVISED PER TDRR 27896	"		
AW	" " " 28110	"		
AY	" " " 28173	"		
AZ	" " " 28131	"		
BA	" " " 28128	"		
BB	REVISED PER TDRR 28511	"		
BC	" " " 28949	"		
BD	" " " 29022	"		
BE	" " " 29035	"		
BF	" " " 29122	"		
BG	" " " 29429	"		
BH	" " " 29449	"		
BJ	" " " 23335	"		
BK	" " " 23613	"		
BL	" " " 29696	"		
BM	" " " 29802	JSD	N.G.	
BN	REVISION STATUS CHANGED	JE	RW	
BP	REVISED PER TDRR 30168	JE	RW	
BR	REVISION STATUS CHANGED	JE	RW	
BS	REVISION STATUS CHANGED	GW		

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FSCM NO
LIST OF MATERIALS				

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS
MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN R Q Jones 7-1960
CHECKED
APPROVED
APPROVED MIT
APPROVED MSC
DATE

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO 1004260 | SCALE NONE | SHEET OF

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS DECIMALS ANGLES
± ± .005 ±
DO NOT SCALE THIS DRAWING

MATERIAL SEE NOTE 11

AS SPECIFIED
NEXT ASSY USED ON
APPLICATION

DASH NO.	F/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
299	R																																														
298	R																																														
297		COMPUTER TEST SET		2014042-041	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
296		DRAWER ASSY-PROGRAM & MONITOR		2014041-041				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
295		DRAWER ASSY RDC INTERFACE		2014045-031						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
274		SELF TEST ASSY		2014366-031						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
273		LOGIC DRAWER ASSY NO. 2		2014037-031																																											
272		DRAWING ASSY PROGRAMMER & MONITOR		2014041-031						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
271		LOGIC DRAWER ASSY NO. 1		2014036-031				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
270		COMPUTER TEST SET		2014042-031				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
269		POWER CONTROL ASSY		2014044-021				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
268		SELF TEST ASSY		2014366-021																																											
267		AGC JUNCTION ASSY		2014341-021																																										
266		POWER CONTROL ASSY		2014079-021						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
265		BUFFER CIRCUIT ASSY		2014254-021																																										
264		DRAWER ASSY X Y INTERFACE		2014040-021																																									
263		DRAWER ASSY RDC INTERFACE		2014045-021																																									
262		DRAWER ASSY PROGRAMMER & MONITOR		2014041-021																																									
261		LOGIC DRAWER ASSY NO. 2		2014037-021				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
260		LOGIC DRAWER ASSY NO. 1		2014036-021																																									
259		OPERATION CONSOLE		2014024-021				II	NOTE 11C																																					
258		COMPUTER TEST SET		2014042-021																																										
257		AUXILIARY CALIBRATION CONSOLE		2014059-021																																									
256		AGC CALIBRATION CONSOLE		2014049-021				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
255		AGC HANDLING FIXTURE		2014282-021				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
254		DRAWER ASSY COMP. SIMULATOR		2014048-011				II	NOTE 11C																																							
253		SHIPPING KIT ASSY, [illegible] DSKY		2016312-011						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011																																											
251		SHIPPING KIT ASSY, MAIN DSKY		2016313-011				II	NOTE 11C																																							
250		AMPLIFIER, REWORK		2014386				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
249		TEMP MONITOR ASSY		2014313-011					NOTE 11C	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
248		AGC JUNCTION ASSY		2014341-011					NOTE 11B																																							
247		AC INPUT PANEL ASSY		2014302-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
246		SELF TEST ASSY		2014392-011																																											
245	I	TAPE PUNCH ASSEMBLY		2014039-011																																											
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
243																																														
242																																														
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW																																							
240	I	SELF TEST ASSEMBLY		2014366-011	NA		B	I		FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
239		POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
238		AC INPUT PANEL ASSY		2014043-011																																											
237		POWER CONTROL ASSY		2014079-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
236		DRAWER ASSY-X Y INTERFACE		2014040-011																																										
235		DRAWER ASSY RDC INTERFACE		2014045-011																																										
234		BUFFER CIRCUIT ASSY		2014254-011																																										
233		CONTROL & INTERFACE ASSY		2014204-011																																										
232		POWER CONTROL ASSY		2014044-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011																																										
230		CONNECTOR INTERFACE ASSY		2014272-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
229		CONNECTOR INTERFACE ASSY		2014047-011																																										
228		ANTENNA TUNING CAPACITOR ASSY		2014209-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
227		MOUNTING FIXTURE ASSY		2014096-011																																											
226		POWER SUPPLY ASSY 3 VDC		2014234-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
225		PANEL ASSY-SIGNAL INTERFACE		2014010-011																																										
224		OSCILLOSCOPE ASSY		2014232-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
223		AUXILIARY OUTLET ASSY		2014274-011																																											
222		FREQUENCY COUNTER		2014233-011																																											
221		POWER SUPPLY ASSY +10, 13, 28 VDC		2014235-011																																											
220		LOGIC DRAWER ASSY NO. 2		2014037-011																																											
219		LOGIC DRAWER ASSY NO. 1		2014036-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
218		COUNTER, ELECTRICAL ASSY		2014288-011																																											
217		POWER SUPPLY ASSY		2014279-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
216		TEST MOUNT ASSY		2014257-011																																											
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011																																										
214		MAIN DSKY PEDESTAL MOUNT		2014343				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE 11C																																							
212		NAV DSKY		1006231						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
211		AGC		1006230																																										
210		UNIVERSAL DSKY		1006422																																										
209		SHIPPING CONTAINER, AGC		1006421				II	NOTE 11C																																							
208		UNIVERSAL DSKY HANDLING FIXTURE		2014013-011				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
207		NAV DSKY HANDLING FIXTURE		1014377																																										
206		MAIN DSKY HANDLING FIXTURE		1014334						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE 11B																																							
204		OPERATION CONSOLE		2014024-011				II	NOTE 11C																																							
203		COMPUTER TEST SET		2014042-011		NAS-9-497																																									
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011		ENA12775				FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
201		AUXILIARY CALIBRATION CONSOLE		2014059-011		NAS-9-497																																									
200		AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE 11C																																							
21																																														
20		NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19		NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18		NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.656
17		NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
16	I	NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

REVISIONS						
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7-6-67	WK
H		REVISED PER TDRR 20892			7-26-67	WK
J		REVISED PER TDRR 20904			8-8-67	WK
K		REVISED PER TDRR 21379			10-10-67	WK
L		REVISED PER TDRR 21410			10-19-67	WK
M		REVISED PER TDRR 21993			12-7-67	WK
N		REVISED PER TDRR 22621			1-10-68	WK
P		REVISED PER TDRR 22671			1-11-68	WK
R		REVISED PER TDRR 22672			1-11-68	WK
S		REVISED PER TDRR 22750			1-16-68	WK
T		REVISED PER TDRR 22823			1-26-68	WK
U		REVISED PER TDRR 23072			3-5-68	RWM
V		REVISED PER TDRR 23521			5-28-68	WK
W		REVISED PER TDRR 23824	RAJ		11-9-65	WK
Y		REVISED PER TDRR 24018	RAJ		11-8-65	WK
Z		REVISED PER TDRR 24040	RAJ		11-19-65	WK
AA		REVISED PER TDRR 24060	RAJ		11-19-65	WK
AB		REVISED PER TDRR 24868	RAJ		12-22-65	WK
AC		REVISED PER TDRR 24973	RAJ		1-4-66	WK
AD		REVISED PER TDRR 25065	RAJ		1-19-66	WK
AE		REVISED PER TDRR 25672	RAJ		2-4-66	WK
AF		REVISED PER TDRR 25671	RAJ		2-4-66	WK
AG		REVISED PER TDRR 26110	RAJ		2-4-66	WK
AH		REVISED PER TDRR 26372	"		3-16-66	WK
AJ		REVISED PER TDRR 26425	"		3-16-66	WK
AK		REVISED PER TDRR 26743	"		3-16-66	WK
AL		REVISED PER TDRR 26720	"		4-8-66	WK
AM		REVISED PER TDRR 27168	"		4-8-66	WK
AN		REVISED PER TDRR 27235	"		4-8-66	WK
AP		REVISED PER TDRR 27345	"		4-8-66	WK
AR		REVISED PER TDRR 27417	"		4-8-66	WK
AS		REVISED PER TDRR 27442	"		4-8-66	WK
AT		REVISED PER TDRR 27719	"		4-20-66	WK
AU		REVISED PER TDRR 27880	"		4-20-66	WK
AV		REVISED PER TDRR 27896	"		4-20-66	WK
AW		28110	"		5-16-66	WK
AY		28173	"		5-16-66	WK
AZ		28131	"		5-16-66	WK
BA		28124	"		5-16-66	WK
BB		REVISED PER TDRR 28511	"		5-16-66	WK
BC		" " " 28949	"		5-24-66	WK
BD		" " " 29222	"		6-8-66	WK
BE		" " " 29235	"		"	WK
BF		" " " 29322	"		6-23-66	WK
BG		" " " 29429	"		"	WK
BH		" " " 29449	"		"	WK
BJ		" " " 29335	"		"	WK
BK		" " " 29615	"		"	WK
BL		" " " 29696	"		"	WK
BM		" " " 29902	JSD	N.E.	7-29-66	
BN		REVISION STATUS CHANGED	—	RWM	8-9-66	
BP		REVISED PER TDRR 30168	JE	RWM	8-10-66	
BR		REVISION STATUS CHANGED	JE	RWM	8-10-66	
BS		REVISION STATUS CHANGED	GW	RWM	8-26-66	
BT		REVISION STATUS CHANGED	GW	RWM	10-6-66	

THIS SHEET ADDED

© REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	R. J. Grimes	7-1966
CHECKED	R. J. Grimes	7-22-66
APPROVED		
APPROVED		
APPROVED MIT		
APPROVED MSC		

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260

DATE | SCALE NONE | SHEET 3 OF

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
299	R	COMPUTER TEST SET		2014042-041	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
298		DRAWER ASSY - PROGRAM & MONITOR		2014041-041				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
297		DRAWER ASSY RDC INTERFACE		2014045-031						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
296		SELF TEST ASSY		2014366-031						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
293		LOGIC DRAWER ASSY NO. 2		2014037-031																																									
292		DRAWING ASSY PROGRAMMER & MONITOR		2014041-031						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
291		LOGIC DRAWER ASSY NO. 1		2014036-031				I	NOTE 11B																																							
290		COMPUTER TEST SET		2014042-031				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
289		POWER CONTROL ASSY		2014044-021				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
288		SELF TEST ASSY		2014366-021																																											
287		AGC JUNCTION ASSY		2014341-021						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
286		POWER CONTROL ASSY		2014079-021																																											
285		BUFFER CIRCUIT ASSY		2014254-021																																									
284		DRAWER ASSY - XY INTERFACE		2014040-021																																									
283		DRAWER ASSY R D C INTERFACE		2014045-021																																									
282		DRAWER ASSY PROGRAMMER & MONITOR		2014041-021																																									
91		LOGIC DRAWER ASSY NO. 2		2014037-021						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
290		LOGIC DRAWER ASSY NO. 1		2014036-021				I	NOTE 11B																																							
289		OPERATION CONSOLE		2014024-021				II	NOTE 11C																																						
288		COMPUTER TEST SET		2014042-021					NOTE 11C																																						
287		AUXILIARY CALIBRATION CONSOLE		2014059-021				II		FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
286		AGC CALIBRATION CONSOLE		2014049-021																																										
285		AGC HANDLING FIXTURE		2014282-021				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
284		DRAWER ASSY COMP. SIMULATOR		2014048-011				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
283		SHIPPING KIT ASSY, NAV DSKY		2016312-011																																									
282		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011																																										
281		SHIPPING KIT ASSY, MAIN DSKY		2016313-011				II	NOTE 11C																																						
280		AMPLIFIER, REWORK		2014386				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
279		TEMP MONITOR ASSY		2014313-011					NOTE 11C	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
278		AGC JUNCTION ASSY		2014341-011					NOTE 11B																																						
277		AC INPUT PANEL ASSY		2014302-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
276		SELF TEST ASSY		2014392-011																																											
275		TAPE PUNCH ASSEMBLY		2014039-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
274	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11B																																						
273																																													
272																																													
271	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW																																						
270		SELF TEST ASSEMBLY		2014366-011	NA		B	I		FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
269		POWER SUPPLY ASSY-115V., 400 CYCLE		2014307-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
268		AC INPUT PANEL ASSY		2014043-011																																											
267		POWER CONTROL ASSY		2014079-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
266		DRAWER ASSY-XY INTERFACE		2014040-011																																										
265		DRAWER ASSY RDC INTERFACE		2014045-011																																									
264		BUFFER CIRCUIT ASSY		2014254-011																																										
263		CONTROL & INTERFACE ASSY		2014204-011																																									
262		POWER CONTROL ASSY		2014044-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
261		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011																																									
260		CONNECTOR INTERFACE ASSY		2014272-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
259		CONNECTOR INTERFACE ASSY		2014047-011																																										
258		ANTENNA TUNING CAPACITOR ASSY		2014209-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
257		MOUNTING FIXTURE ASSY		2014006-011																																										
256		POWER SUPPLY ASSY 3 VDC		2014234-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
255		PANEL ASSY-SIGNAL INTERFACE		2014010-011																																									
254		OSCILLOSCOPE ASSY		2014232-011																																										
253		AUXILIARY OUTLET ASSY		2014274-011																																										
252		FREQUENCY COUNTER		2014233-011																																										
251		POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
250		LOGIC DRAWER ASSY NO. 2		2014037-011																																										
249		LOGIC DRAWER ASSY NO. 1		2014036-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
248		COUNTER, ELECTRICAL ASSY		2014288-011																																										
247		POWER SUPPLY ASSY		2014279-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
246		TEST MOUNT ASSY		2014257-011																																										
245		UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011																																									
244		MAIN DSKY PEDESTAL MOUNT		2014343				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
243		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE 11C																																							
242		NAV DSKY		1006231						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
241		AGC		1006230																																										
240		UNIVERSAL DSKY		1006232																																										
239		SHIPPING CONTAINER, AGC		1006421				II	NOTE 11C																																						
238		UNIVERSAL DSKY HANDLING FIXTURE		2014013-011				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
237		NAV DSKY HANDLING FIXTURE		1014377																																										
236		MAIN DSKY HANDLING FIXTURE		1014334						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
235		AGC HANDLING FIXTURE		2014282-011				I	NOTE 11B																																							
234		OPERATION CONSOLE		2014024-011				II	NOTE 11C																																						
233		COMPUTER TEST SET		2014042-011		NAS-9-497				FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
232		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011		NAS-2775																																									
201		AUXILIARY CALIBRATION CONSOLE		2014059-011		NAS-9-497																																									
200		AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE 11C																																						
21																																													
20		NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	+.015 -.013	.093	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19		NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18		NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	+.015 -.013	.125	1.625	1.032	.844	.656	1.406	.062	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
17		NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.062	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
16		NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	+.015 -.013	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

REVISIONS					
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/6/65	
H		REVISED PER TDRR 20892			9/28/65	
J		REVISED PER TDRR 20904			10/7/65	
K		REVISED PER TDRR 21379			10/6/65	
L		REVISED PER TDRR 21410			10/28/65	
M		REVISED PER TDRR 21993			11/1/65	
N		REVISED PER TDRR 22621			11/17/65	
P		REVISED PER TDRR 22671			11/17/65	
R		REVISED PER TDRR 22672			11/17/65	
S		REVISED PER TDRR 22750			11/29/65	
T		REVISED PER TDRR 22823			12/6/65	
U		REVISED PER TDRR 23072			12-22-65	
V		REVISED PER TDRR 23521			1-26-66	
W		REVISED PER TDRR 23824	RAJ		11-9-65	
Y		REVISED PER TDRR 24018	RAJ		11-1-65	
Z		REVISED PER TDRR 24040	RAJ		11-19-65	
AA		REVISED PER TDRR 24060	RAJ		11-19-65	
AB		REVISED PER TDRR 24868	RAJ		12-22-65	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-19-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-4-66	
AH		REVISED PER TDRR 26372	"		3-15-66	
AJ		REVISED PER TDRR 26425	"		3-15-66	
AK		REVISED PER TDRR 26743	"		3-15-66	
AL		REVISED PER TDRR 26798	"		3-15-66	
AM		REVISED PER TDRR 27168	"		4-8-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27880	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-20-66	
AW		28110	"		5-16-66	
AY		28173	"		5-16-66	
AZ		28131	"		5-16-66	
BA		28124	"		5-16-66	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-26-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29322	"		6-29-66	
BG		" " " 29429	"		"	
BH		" " " 29349	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		"	
BL		" " " 29696	"		"	
BM		" " " 29802	JSD		N.E. 7-29-66	
BN		REVISION STATUS CHANGED	JE	RW	7-26-66	
BP		REVISED PER TDRR 30168	JE	RW	7-26-66	
BR		REVISION STATUS CHANGED	JE	RW	8-5-66	
BS		REVISION STATUS CHANGED	GW	RW	10-6-66	
BT		REVISION STATUS CHANGED	GW	RW	10-6-66	
BU		REVISION STATUS CHANGED	EM	JE	10-6-66	

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIG ITEM

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN R G Jones 7-1966
CHECKED R S Ramp 7-26-66
APPROVED
APPROVED W Hoffman 7/26/66
APPROVED MIT W Hoffman 7/26/66
APPROVED MSC Paul Luck 10/6/66
DATE

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | SHEET 3 OF 3

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NG.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
299	R																																														
298	R																																														
297	R	COMPUTER TEST SET		2040042-041	N A	NAS9-497	B	II	NOTE IIC	FOR DIMENSIONS SEE DASH 18 VALUES BELOW																																								
279	R	SELF TEST ASSY		2014366-041	N A	NAS9-497	B	I	NOTE IIB	FOR DIMENSIONS SEE DASH 15 VALUES BELOW																																								
278	R	LOGIC DRAWER ASSY NO.1		2014036-041	N A	NAS9-497	B	I	NOTE IIB	FOR DIMENSIONS SEE DASH 17 VALUES BELOW																																								
277	R	COMPUTER TEST SET		2040042-041	N A	NAS-9-497	B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
276		DRAWER ASSY - PROGRAM & MONITOR		2014041-041				I	NOTE IIB	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
275		DRAWER ASSY RDC INTERFACE		2014045-031						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
274		SELF TEST ASSY		2014366-031						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
273		LOGIC DRAWER ASSY NO. 2		2014037-031																																											
272		DRAWING ASSY PROGRAMMER & MONITOR		2014041-031						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
271		LOGIC DRAWER ASSY NO. 1		2014036-031				I	NOTE II B																																								
270		COMPUTER TEST SET		2014042-031				II	NOTE IIC	FOR DIMENSIONS, SEE DASH 16 VALUES BELOW																																								
269		POWER CONTROL ASSY		2014044-021				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
268		SELF TEST ASSY		2014366-021																																												
267		AGC INTERFACE ASSY		2014139-021						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
266		POWER CONTROL ASSY		2014079-021																																												
265		BUFFER CIRCUIT ASSY		2014254-021																																										
264		DRAWER ASSY X Y INTERFACE		2014040-021																																										
263		DRAWER ASSY R D C INTERFACE		2014045-021																																										
262		DRAWER ASSY PROGRAMMER & MONITOR		2014041-021																																										
26		LOGIC DRAWER ASSY NO. 2		2014037-021				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
261		LOGIC DRAWER ASSY NO. 1		2014036-021																																										
259		OPERATION CONSOLE		2014084-021				II	NOTE IIC																																							
258		COMPUTER TEST SET		2014042-021																																											
257		AUXILIARY CALIBRATION CONSOLE		2014059-021					NOTE II C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
256		AGC CALIBRATION CONSOLE		2014049-021				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
255		AGC HANDLING FIXTURE		2014282-021				II	NOTE II C																																							
254		DRAWER ASSY COMP. SIMULATOR		2014048-011				II	NOTE II C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
253		SHIPPING KIT ASSY, [illegible] DSKY		2016312-011																																										
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011																																										
251		SHIPPING KIT ASSY, MAIN DSKY		2016312-011				II	NOTE II C																																							
250		AMPLIFIER, REWORK		2014386				I	NOTE II B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
249		TEMP MONITOR ASSY		2014313-011					NOTE II C	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
248		AGC JUNCTION ASSY		2014134-021					NOTE II B																																							
247		AC INPUT PANEL ASSY		2014302-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
246		SELF TEST ASSY		2014252-011																																												
245		TAPE PUNCH ASSEMBLY		2014039-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
244	R	TAPE READER ASSEMBLY		2014038-011	N A	NAS-9-497	B	I	NOTE II B																																							
243																																														
242																																														
24	F	APOLLO GUIDANCE COMPUTER GROUP		6003001	N A	NAS-9-497	A	I	NOTE II B	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW																																								
240		SELF TEST ASSEMBLY		2014366-011	N A		B	I		FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
239		POWER SUPPLY ASSY-115V., 400CYCLE		2014207-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
238		AC INPUT PANEL ASSY		2014043-011																																												
237		POWER CONTROL ASSY		2014079-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
236		DRAWER ASSY-X Y INTERFACE		2014040-011																																										
235		DRAWER ASSY R D C INTERFACE		2014045-011																																										
234		BUFFER CIRCUIT ASSY		2014254-011																																										
233		CONTROL INTERFACE ASSY		2014204-011																																										
232		POWER CONTROL ASSY		2014044-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011																																										
230		CONNECTOR INTERFACE ASSY		2014272-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
229		CONNECTOR INTERFACE ASSY		2014047-011																																										
228		ANTENNA TUNING CAPACITOR ASSY		2014209-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
227		MOUNTING FIXTURE ASSY		2014206-011																																										
226		POWER SUPPLY ASSY 3 VDC		2014234-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
225		PANEL ASSY - SIGNAL INTERFACE		2014010-011																																										
224		OSCILLOSCOPE ASSY		2014232-011																																										
223		AUXILIARY OUTLET ASSY		2014274-011																																										
222		FREQUENCY COUNTER		2014233-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
221		POWER SUPPLY ASSY, IC13, 28VDC		2014135-021																																										
220		LOGIC DRAWER ASSY NO. 2		2014037-011																																										
219		LOGIC DRAWER ASSY NO. 1		2014036-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
218		COUNTER, ELECTRICAL ASSY		2014288-011																																										
217		POWER SUPPLY ASSY		2014279-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
216		TEST MOUNT ASSY		2014257-011																																												
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
214		MAIN DSKY PEDESTAL MOUNT		2014343				I	NOTE IIB																																								
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE IIC																																								
212		" " NAV DSKY		1006231						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
211		" " AGC		1006230																																										
210		" " UNIVERSAL DSKY		1006226																																											
209		SHIPPING CONTAINER, AGC		1006227				II	NOTE IIC																																							
208		UNIVERSAL DSKY HANDLING FIXTURE		2014013-011				I	NOTE IIB	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
207		NAV DSKY HANDLING FIXTURE		1014377						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
206		MAIN DSKY HANDLING FIXTURE		1014334																																										
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE IIB																																							
204		OPERATION CONSOLE		2014084-011				II	NOTE IIC																																							
203		COMPUTER TEST SET		2014042-011		NAS 9-497				FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011		ENA-9-497																																									
201		AUXILIARY CALIBRATION CONSOLE		2014059-011		NAS-9-497																																									
200		AGC CALIBRATION CONSOLE		2014049-011	N A		B	II	NOTE IIC																																							
91																																														
20		N A		N A	N A	N A	A	II	NOTE IIC	2.000	1.312	1.687	1.375	0.78	.031	.78	.093	N A	0.53	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	N A	.875	.305	.078	.312	1.687	.078	N A	.078	.312	.187	1.843
19		N A		N A	N A	N A	A	I	NOTE II B	2.000	1.312	1.687	1.375	0.78	.031	.78	.093	N A	N A	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	N A	N A	.048	.031	.875	.305	.078	.312	1.687	.078	N A	.078	.312	.187	N A
18		N A		N A	N A	N A	B	I	NOTE II C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	N A	N A	1.625	1.032	.844	.656	.406	0.93	.344	.156	.781	1.531	2.844	.312	N A	N A	.562	.062	1.219	.562	.156	7.93	3.469	.156	N A	.156	7.93	3.344	N A
17		N A		N A	N A	N A	B	I	NOTE II B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	N A	N A	1.625	1.032	.844	.656	.406	0.93	.344	.156	.781	1.531	2.844	.312	N A	N A	.562	.062	1.219	.562	.156	7.93	3.469	.156	N A	.156	7.93	3.344	3.875
16		N A		N A	N A	N A	B	II	NOTE II C	2.000	1.312	1.687	1.375	0.78	.031	.78	.093	.93	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	.046	N A	.875	.305	.078	.312	1.687	.078	N A	.078	.312	.187	N A
15	R	N A		N A	N A	N A	B	I	NOTE II B	2.000	1.312	1.687	1.375	0.78	.031	.78	.093	N A	N A	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	N A	N A	.048	.031	.875	.305	.078	.312	1.687	.078	N A	.078	.312	.187	1.843

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

SYM	ZONE	REVISIONS DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7-16-68	
H		REVISED PER TDRR 20892			8-26-68	
J		REVISED PER TDRR 20904			9-4-68	
K		REVISED PER TDRR 21379			10-4-68	
L		REVISED PER TDRR 21410			10-8-68	
M		REVISED PER TDRR 21993			10-31-68	
N		REVISED PER TDRR 22621			12-20-68	
P		REVISED PER TDRR 22671			1-3-69	
R		REVISED PER TDRR 22672			1-3-69	
S		REVISED PER TDRR 22750			1-10-69	
T		REVISED PER TDRR 22823			1-21-69	
U		REVISED PER TDRR 23072			2-28-69	
V		REVISED PER TDRR 23521			4-25-69	
W		REVISED PER TDRR 23824	RAJ		5-19-69	
Y		REVISED PER TDRR 24018	RAJ		7-16-69	
Z		REVISED PER TDRR 24040	RAJ		7-19-69	
AA		REVISED PER TDRR 24050	RAJ		7-29-69	
AB		REVISED PER TDRR 24868	RAJ		12-22-69	
AC		REVISED PER TDRR 24973	RAJ		1-14-69	
AD		REVISED PER TDRR 25065	RAJ		1-28-69	
AE		REVISED PER TDRR 25672	RAJ		2-4-69	
AF		REVISED PER TDRR 25671	RAJ		2-4-69	
AG		REVISED PER TDRR 26110	RAJ		2-25-69	
AH		REVISED PER TDRR 26372	"		3-6-69	
AJ		REVISED PER TDRR 26425	"		3-6-69	
AK		REVISED PER TDRR 26743	"		3-26-69	
AL		REVISED PER TDRR 26798	"		3-26-69	
AM		REVISED PER TDRR 27168	"		4-8-69	
AN		REVISED PER TDRR 27235	"		4-8-69	
AP		REVISED PER TDRR 27345	"		4-8-69	
AR		REVISED PER TDRR 27417	"		4-8-69	
AS		REVISED PER TDRR 27442	"		4-8-69	
AT		REVISED PER TDRR 27579	"		4-22-69	
AU		REVISED PER TDRR 27880	"		4-22-69	
AV		REVISED PER TDRR 27896	"		4-30-69	
AW		28110	"		5-16-69	
AY		28173	"		5-16-69	
AZ		28131	"		5-16-69	
BA		28124	"		5-16-69	
BB		REVISED PER TDRR 28151	"		5-16-69	
BC		" " " 28949	"		5-26-69	
BD		" " " 28922	"		6-6-69	
BE		" " " 29035	"		"	
BF		" " " 29372	"		6-25-69	
BG		" " " 29429	"		"	
BH		" " " 29349	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29613	"		"	
BL		" " " 29696	"		"	
BM		" " " 29802	JSD	N.E.	7-29-69	
BN		REVISION STATUS CHANGED	JZ	RW	8-5-69	
BP		REVISED PER TDRR 30168	JZ	RW	8-5-69	
BR		REVISION STATUS CHANGED	JZ	RW	8-5-69	
BS		REVISION STATUS CHANGED	GW	RW	8-6-69	
BT		REVISION STATUS CHANGED	GW	RW	8-7-69	
BU		REVISION STATUS CHANGED	EH	JZ	8-7-69	
BV		REVISION STATUS CHANGED	HB	RW	8-8-69	

QTY REQD	PART OR IDENTIFYING NO	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO
			LIST OF MATERIALS	

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN R G Inman 7-16-68
CHECKED R G Inman 7-22-68
APPROVED
APPROVED W Hayden 7-24-68
APPROVED MIT W Hayden 7-24-68
APPROVED MSC Robert Piland 7-24-68

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. CAPACITOR VALUES ARE IN μf. RESISTOR VALUES ARE IN OHMS. TOLERANCES ON FRACTIONS ± .005, DECIMALS ± .005, ANGLES ± —. DO NOT SCALE THIS DRAWING.
MATERIAL: SEE NOTE 11
AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

NAMEPLATES, APOLLO GEN-GSE, (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | DATE | SHEET 1 OF 2

1004260-F

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
299	R																																														
298	R																																															
280	R	COMPUTER TEST SET		2014042-051	NA	NAS9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW																																									
279	R	SELF TEST ASSY		2014366-041	NA	NAS9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW																																									
278	R	COMPUTER ASSY NO.		2014237-041	NA	NAS9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW																																									
277	R	COMPUTER TEST SET		2014042-041	NA	NAS 9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																									
276		DRAWER ASSY - PROGRAM & MONITOR		2014041-041				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
275		DRAWER ASSY RDC INTERFACE		2014045-031																																												
274		SELF TEST ASSY		2014366-031						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																									
273		LOGIC DRAWER ASSY NO. 2		2014037-031						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
272		DRAWING ASSY PROGRAMMER & MONITOR		2014041-031																																												
271		LOGIC DRAWER ASSY NO. 1		2014036-031				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
270		COMPUTER TEST SET		2014042-031				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																									
269		POWER CONTROL ASSY		2014044-021				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
268		SELF TEST ASSY		2014366-021																																												
267		ASC JUNCTION ASSY		2014334-021																																												
266		POWER CONTROL ASSY		2014079-021						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																									
265		BUFFER CIRCUIT ASSY		2014254-021																																											
264		DRAWER ASSY X-Y INTERFACE		2014040-021																																											
263		DRAWER ASSY R D C INTERFACE		2014045-021																																											
262		DRAWER ASSY PROGRAMMER & MONITOR		2014041-021																																											
261		LOGIC DRAWER ASSY NO. 2		2014037-021				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
260		LOGIC DRAWER ASSY NO. 1		2014036-021				I	NOTE 11 B																																									
259		OPERATION CONSOLE		2014024-041				II	NOTE 11C																																									
258		COMPUTER TEST SET		2014042-021				II	NOTE 11C																																								
257		AUXILIARY CALIBRATION CONSOLE		2014059-021				L	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																									
256		ASC CALIBRATION CONSOLE		2014049-021				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
255		LAC HANDLING FIXTURE		2014282-021				II	NOTE 11 C																																									
254		DRAWER ASSY COMP. SIMULATOR		2014048-011						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																									
253		SHIPPING KIT ASSY, NAV DSKY		2016812-011																																											
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011																																												
251		SHIPPING KIT ASSY, MAIN DSKY		2016313-011																																											
250		AMPLIFIER, REWORK		2014386				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																									
249		TEMP MONITOR ASSY		2014313-011					NOTE 11C	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
248		AGC JUNCTION ASSY		2014334-011					NOTE 11 B																																									
247		AC INPUT PANEL ASSY		2014302-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																									
246		SELF TEST ASSY		2014392-011																																												
245	R	TAPE PUNCH ASSEMBLY		2014039-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																									
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11 B																																									
243																																															
242																																															
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW																																									
240		SELF TEST ASSEMBLY		2014366-011	NA		B	I		FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																									
239		POWER SUPPLY ASSY-115 V., 400 CYCLE		2014207-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
238		AC INPUT PANEL ASSY		2014043-011																																												
237		POWER CONTROL ASSY		2014079-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																									
236		DRAWER ASSY-X-Y INTERFACE		2014040-011																																											
235		DRAWER ASSY R D C INTERFACE		2014045-011																																											
234		BUFFER CIRCUIT ASSY		2014254-011																																											
233		CONTROL INTERFACE ASSY		2014204-011																																											
232		POWER CONTROL ASSY		2014144-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014741-011																																											
230		CONNECTOR INTERFACE ASSY		2014272-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																									
229		CONNECTOR INTERFACE ASSY		2014047-011																																											
228		ANTENNA TUNING CAPACITOR ASSY		2014209-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
227		MOUNTING FIXTURE ASSY		2014006-011																																											
226		POWER SUPPLY ASSY 5 VDC		2014233-011																																											
225		PANEL ASSY-IS SIGNAL INTERFACE		2014101C-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																									
224		OSCILLOSCOPE ASSY		2014232-011																																											
223		AUXILIARY OUTLET ASSY		2014274-011																																											
222		FREQUENCY COUNTER		2014233-011																																											
221		POWER SUPPLY ASSY 10,13, 28 VDC		2014235-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
220		LOGIC DRAWER ASSY NO. 2		2014037-011																																											
219		LOGIC DRAWER ASSY NO. 1		2014036-011																																											
218		COUNTER, ELECTRICAL ASSY		2014288-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																									
217		POWER SUPPLY ASSY		2014279-011																																											
216		TEST MOUNT ASSY		2014257-011																																											
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
214		MAIN DSKY PEDESTAL MOUNT		2014343				I	NOTE 11B																																									
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE 11C																																									
212		NAV DSKY		1006231						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																									
211		AGC		1006230																																												
210		UNIVERSAL DSKY		1006232																																												
209		SHIPPING CONTAINER, AGC		1006421				II	NOTE 11C																																									
208		UNIVERSAL DSKY HANDLING FIXTURE		2014013-011				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																									
207		NAV DSKY HANDLING FIXTURE		1014377																																												
206		MAIN DSKY HANDLING FIXTURE		1014334						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE 11B																																									
204		OPERATION CONSOLE		2014024-011				II	NOTE 11C																																									
203		COMPUTER TEST SET		2014042-011		NAS-9-497				FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																									
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011		PVP-0775																																											
201		AUXILIARY CALIBRATION CONSOLE		2014059-011		NAS-9-497																																											
200		AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE 11C																																									
21																																															
20		NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.375	.093	.75	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19		NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18		NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	4.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.56	NA	.156	.719	.344	NA
17		NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	4.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.56	NA	.156	.719	.344	NA
16		NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.93	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	R	NA		NA	NA	NA	B	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TORR 20854				
H		REVISED PER TORR 20892				
J		REVISED PER TORR 20904				
K		REVISED PER TORR 21379				
L		REVISED PER TORR 21410				
M		REVISED PER TORR 21993				
N		REVISED PER TORR 22621				
P		REVISED PER TORR 22671				
R		REVISED PER TORR 22672				
S		REVISED PER TORR 22750				
T		REVISED PER TORR 22823				
U		REVISED PER TORR 23072				
V		REVISED PER TORR 23521				
W		REVISED PER TORR 23824	RAJ			
Y		REVISED PER TORR 24018	RAJ			
Z		REVISED PER TORR 24040	RAJ			
AA		REVISED PER TORR 24060	RAJ			
AB		REVISED PER TORR 24868	RAJ			
AC		REVISED PER TORR 24973	RAJ			
AD		REVISED PER TORR 25065	RAJ			
AE		REVISED PER TORR 25672	RAJ			
AF		REVISED PER TORR 25671	RAJ			
AG		REVISED PER TORR 26110	RAJ			
AH		REVISED PER TORR 26372	"			
AJ		REVISED PER TORR 26425	"			
AK		REVISED PER TORR 26743	"			
AL		REVISED PER TORR 26798	"			
AM		REVISED PER TORR 27168	"			
AN		REVISED PER TORR 27235	"			
AP		REVISED PER TORR 27345	"			
AR		REVISED PER TORR 27417	"			
AS		REVISED PER TORR 27442	"			
AT		REVISED PER TORR 27719	"			
AU		REVISED PER TORR 27880	"			
AV		REVISED PER TORR 27896	"			
AW		28110	"			
AY		28173	"			
AZ		28131	"			
BA		28124	"			
BB		REVISED PER TORR 28511	"			
BC		" " " 28949	"			
BD		" " " 29222	"			
BE		" " " 29235	"			
BF		" " " 29322	"			
BG		" " " 29429	"			
BH		" " " 29449	"			
BJ		" " " 23335	"			
BK		" " " 29619	"			
BL		" " " 29696	"			
BM		" " " 29802	JSD	N.C.		
BN		REVISION STATUS CHANGED	JJ			
BP		REVISED PER TORR 30168	JJ			
BR		REVISION STATUS CHANGED	JJ			
BS		REVISION STATUS CHANGED	GWJ			
BT		REVISION STATUS CHANGED	GWJ			
BU		REVISION STATUS CHANGED	EP	JJ		
BV		REVISION STATUS CHANGED	JJB			
BW		REVISED PER TORR 31279	JJB			

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIGURE NO
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ± — ANGLES ± —
.X ± .005 .XX ± —
DO NOT SCALE THIS DRAWING

MATERIAL: SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN W. G. Spruce 7-1965
CHECKED E. J. Trapp 7-26-65
APPROVED
APPROVED W. Hopper 7/26/65
APPROVED MIT W. Hopper 7/26/65
APPROVED MSC [illegible] 7-26-65

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

CODE IDENT NO. 80330 | SIZE E | DRAWING NO. 1004260 B
SCALE NONE | DATE | SHEET 1 OF 2

1004260BW

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
299	R																																															
298	R																																																
280	R	COMPUTER TEST SET		2014042-051	NA	NAS9-497	B	II	NOTE IIC	FOR DIMENSIONS SEE DASH 18 VALUES BELOW																																									
279	R	SELF TEST ASSY		2014366-041	NA	NAS9-497	B	I	NOTE IIB	FOR DIMENSIONS SEE DASH 15 VALUES BELOW																																									
278	R	LOGIC DRAWER ASSY NO.1		2014036-041	NA	NAS9-497	B	I	NOTE IIC	FOR DIMENSIONS SEE DASH 18 VALUES BELOW																																									
277	R	COMPUTER TEST SET		2014042-041	NA	NAS-9-497	B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																									
276		DRAWER ASSY - PROGRAM & MONITOR		2014041-041				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
275		DRAWER ASSY RDC INTERFACE		2014045-031						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																									
274		SELF TEST ASSY		2014366-031						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
273		LOGIC DRAWER ASSY NO. 2		2014037-031																																												
272		DRAWING ASSY PROGRAMMER & MONITOR		2014041-031				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
271		LOGIC DRAWER ASSY NO. 1		2014036-031																																												
270		COMPUTER TEST SET		2014042-031				II	NOTE IIC	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																									
269		POWER CONTROL ASSY		2014044-021				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
268		SELF TEST ASSY		2014366-021																																												
267		ASSEMBLY		2014366-021																																											
266		POWER CONTROL ASSY		2014044-021																																											
265		ASSEMBLY		2014366-021																																											
264		DRAWER ASSY XY INTERFACE		2014040-021																																										
263		DRAWER ASSY RDC INTERFACE		2014045-021																																										
262		DRAWER ASSY PROGRAMMER & MONITOR		2014041-021																																										
261		LOGIC DRAWER ASSY NO. 2		2014037-021				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
260		LOGIC DRAWER ASSY NO. 1		2014036-021																																											
259		OPERATION CONSOLE		2014084-021				II	NOTE II C																																							
258		COMPUTER TEST SET		2014042-021																																											
257		AUXILIARY CALIBRATION CONSOLE		2014059-021																																										
256		AGC CALIBRATION CONSOLE		2014049-021				I	NOTE II C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																									
255		AGC HANDLING FIXTURE		2014282-021				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
254		DRAWER ASSY COMP. SIMULATOR		2014048-011				II	NOTE II C																																							
253		SHIPPING KIT ASSY, NAV DSKY		2016312-011						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																									
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011																																											
251		SHIPPING KIT ASSY, MAIN DSKY		2016313-011																																											
250		AMPLIFIER, REWORK		2014386				I	NOTE II B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																									
249		TEMP MONITOR ASSY		2014313-011					NOTE II C	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
248		AGC JUNCTION ASSY		2014330-011					NOTE II B																																								
247		AC INPUT PANEL ASSY		2014302-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																									
246		SELF TEST ASSY		2014392-011																																												
245		TAPE PUNCH ASSEMBLY		2014039-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																									
244		TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE II B																																								
243																																																
242																																																
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE II B	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW																																									
240		SELF TEST ASSEMBLY		2014366-011	NA		B	I		FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																									
239		POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
238		AC INPUT PANEL ASSY		2014043-011																																												
237		POWER CONTROL ASSY		2014179-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW.																																									
236		DRAWER ASSY - XY INTERFACE		2014040-011																																											
235		DRAWER ASSY RDC INTERFACE		2014045-011																																											
234		BUFFER CIRCUIT ASSY		2014254-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
233		CONTROL & INTERFACE ASSY		2014204-011																																											
232		POWER CONTROL ASSY		2014044-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																									
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011																																											
230		CONNECTOR INTERFACE ASSY		2014272-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
229		CONNECTOR INTERFACE ASSY		2014047-011																																											
228		ANTENNA TUNING CAPACITOR ASSY		2014209-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																									
227		MOUNTING FIXTURE ASSY		2014206-011																																											
226		POWER SUPPLY ASSY 3 VDC		2014234-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
225		PANEL ASSY - SIGNAL INTERFACE		2014010-011																																											
224		OSCILLOSCOPE ASSY		2014232-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																									
223		AUXILIARY OUTLET ASSY		2014274-011																																											
222		FREQUENCY COUNTER		2014233-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
221		POWER SUPPLY ASSY 10,13, 28 VDC		2014235-011																																											
220		LOGIC DRAWER ASSY NO. 2		2014037-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																									
219		LOGIC DRAWER ASSY NO. 1		2014036-011																																											
218		COUNTER, ELECTRICAL ASSY		2014288-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
217		POWER SUPPLY ASSY		2014279-011																																											
216		TEST MOUNT ASSY		2014257-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																									
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014040-011																																											
214		MAIN DSKY PEDESTAL MOUNT		2014343				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE II C																																							
212		NAV DSKY		1006231						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																									
211		AGC		1006230																																											
210		UNIVERSAL DSKY		1006232																																												
209		SHIPPING CONTAINER, AGC		1006421					NOTE II C																																							
208		UNIVERSAL DSKY HANDLING FIXTURE		2014033-011					NOTE II B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																									
207		NAV DSKY HANDLING FIXTURE		1014377																																											
206		MAIN DSKY HANDLING FIXTURE		1014334						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																									
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE II B																																							
204		OPERATION CONSOLE		2014084-011				II	NOTE II C																																							
203		COMPUTER TEST SET		2014042-011		NAS-9-497				FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																									
202		DRAWER ASSY, COMPUTER SIMULATOR		2014028-011		ENGINEERS																																										
201		AUXILIARY CALIBRATION CONSOLE		2014059-011		NAS-9-497																																										
200		AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE II C																																							
21																																															
20		NA		NA	NA	NA	A	II	NOTE II C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
19		NA		NA	NA	NA	A	I	NOTE II B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18		NA		NA	NA	NA	B	II	NOTE II C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
17		NA		NA	NA	NA	B	I	NOTE II B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
16		NA		NA	NA	NA	B	II	NOTE II C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	R	NA		NA	NA	NA	B	I	NOTE II B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.053	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

RAYTHEON DASH NUMBERS

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

REVISIONS

SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854				
H		REVISED PER TDRR 20892				
J		REVISED PER TDRR 20904				
K		REVISED PER TDRR 21379				
L		REVISED PER TDRR 21410				
M		REVISED PER TDRR 2 993				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072				
V		REVISED PER TDRR 23521				
W		REVISED PER TDRR 23824	RAJ			
Y		REVISED PER TDRR 24018	RAJ			
Z		REVISED PER TDRR 24040	RAJ			
AA		REVISED PER TDRR 24060	RAJ			
AB		REVISED PER TDRR 24868	RAJ			
AC		REVISED PER TDRR 24973	RAJ			
AD		REVISED PER TDRR 25065	RAJ			
AE		REVISED PER TDRR 25672	RAJ			
AF		REVISED PER TDRR 25671	RAJ			
AG		REVISED PER TDRR 26110	RAJ			
AH		REVISED PER TDRR 26372	"			
AJ		REVISED PER TDRR 26425	"			
AK		REVISED PER TDRR 26743	"			
AL		REVISED PER TDRR 26798	"			
AM		REVISED PER TDRR 27258	"			
AN		REVISED PER TDRR 27235	"			
AP		REVISED PER TDRR 27345	"			
AR		REVISED PER TDRR 27417	"			
AS		REVISED PER TDRR 27442	"			
AT		REVISED PER TDRR 27719	"			
AU		REVISED PER TDRR 27880	"			
AV		REVISED PER TDRR 27896	"			
AW		28110	"			
AY		28173	"			
AZ		28131	"			
BA		28124	"			
BB		REVISED PER TDRR 28511	"			
BC		" " " 28949	"			
BD		" " " 29222	"			
BE		" " " 29235	"			
BF		" " " 29322	"			
BG		" " " 29429	"			
BH		" " " 29449	"			
BJ		" " " 29335	"			
BK		" " " 29619	"			
BL		" " " 29696	"			
BM		" " " 29802	JSB	N.E.		
BN		REVISION STATUS CHANGED	JE	RW		
BP		REVISED PER TDRR 30168	JE	RW		
BR		REVISION STATUS CHANGED	JE	RW		
BS		REVISION STATUS CHANGED	GW			
BT		REVISION STATUS CHANGED	GW			
BU		REVISION STATUS CHANGED	EH	JE		
BV		REVISION STATUS CHANGED	JJB			
BW		REVISED PER TDRR 31279	JJB			
BY		REVISION STATUS CHANGED	JJB		10 OCT	

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
		LIST OF MATERIALS		

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN 7-16-68
CHECKED 7-22-68
APPROVED
APPROVED
APPROVED MIT
APPROVED MSC
DATE

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

CODE IDENT NO. 80250 | SIZE E | DRAWING NO. 1004260 | SHEET 36 OF 0

SCALE NONE

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
— ±.005 ± —
DO NOT SCALE THIS DRAWING
MATERIAL
SEE NOTE 11

AS WITH CABLE
NEXT ASSY | USED ON
APPLICATION

1004260 BY

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AM	AJ	AK	AL	AM	AN	AP	AR
299	R																																																
298	R																																																	
297	R	COMPUTER TEST SET		2014042-051	NA	NAS9-497	B	II	NOTE IIC	FOR DIMENSIONS SEE DASH 18 VALUES BELOW																																											
279	R	SELF TEST ASSY		2014366-041	NA	NAS9-497	B	I	NOTE IIB	FOR DIMENSIONS SEE DASH 17 VALUES BELOW																																											
278	R	LOGIC DRAWER ASSY NO.1		2014036-041	NA	NAS9-497	B	I	NOTE IIB	FOR DIMENSIONS SEE DASH 17 VALUES BELOW																																											
277	R	COMPUTER TEST SET		2014042-041	NA	NAS-9-497	B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																											
274		DRAWER ASSY - PROGRAM & MONITOR		2014041-041				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																											
275		DRAWER ASSY RDC INTERFACE		2014045-031						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																											
274		SELF TEST ASSY		2014366-031						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																											
273		LOGIC DRAWER ASSY NO. 2		2014037-031																																														
272		DRAWING ASSY PROGRAMMER & MONITOR		2014041-031						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																											
271		LOGIC DRAWER ASSY NO. 1		2014036-031				I	NOTE II B																																										
270		COMPUTER TEST SET		2014042-031				II	NOTE IIC	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																											
269		POWER CONTROL ASSY		2014044-021				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																											
268		SELF TEST ASSY		2014366-031																																														
267		ASC CONNECTION ASSY		2014341-031						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																											
266		POWER CONTROL ASSY		2014079-021																																														
265		BUFFER CIRCUIT ASSY		2014254-021																																												
264		DRAWER ASSY X Y INTERFACE		2014040-021																																												
263		DRAWER ASSY RDC INTERFACE		2014045-021																																												
262		DRAWER ASSY PROGRAMMER & MONITOR		2014341-021						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																											
261		LOGIC DRAWER ASSY NO. 2		2014037-021																																												
260		LOGIC DRAWER ASSY NO. 1		2014036-021				I	NOTE II B																																										
259		OPERATION CONSOLE		2014024-021				II	NOTE IIC																																									
258		COMPUTER TEST SET		2014042-021																																													
257		AUXILIARY CALIBRATION CONSOLE		2014059-021				II	NOTE IIC	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																											
256		AGC CALIBRATION CONSOLE		2014049-021																																													
255		AGC HANDLING FIXTURE		2014282-021				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																											
254		DRAWER ASSY COMP. SIMULATOR		2014048-011				II	NOTE IIC	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																											
253		SHIPPING KIT ASSY, UNIV. DSKY		2016312-021																																													
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-021																																													
251		SHIPPING KIT ASSY, MAIN DSKY		2016313-011				II	NOTE IIC																																									
250		AMPLIFIER, REWORK		2014388				I	NOTE II B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																											
249		TEMP MONITOR ASSY		2014313-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																											
248		AGC JUNCTION ASSY		2014434-011																																													
247		AC INPUT PANEL ASSY		2014302-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																											
246		SELF TEST ASSY		2014392-011																																													
245	I	TAPE PUNCH ASSEMBLY		2014039-011																																												
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE II B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																											
243																																																
242																																																
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	1	NOTE II B	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW																																											
240		SELF TEST ASSEMBLY		2014366-011	NA		B	I		FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																											
239		POWER SUPPLY ASSY-115 V., 400 CYCLE		2014207-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																											
238		AC INPUT PANEL ASSY		2014043-011																																													
237		POWER CONTROL ASSY		2014079-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																											
236		DRAWER ASSY - X Y INTERFACE		2014040-011																																												
235		DRAWER ASSY RDC INTERFACE		2014045-011																																												
234		BUFFER CIRCUIT ASSY		2014254-011																																												
233		CONTROL INTERFACE ASSY		2014204-011																																												
232		POWER CONTROL ASSY		2014044-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																											
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011																																													
230		CONNECTOR INTERFACE ASSY		2014272-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																											
229		CONNECTOR INTERFACE ASSY		2014047-011																																												
228		ANTENNA TUNING CAPACITOR ASSY		2014209-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																											
227		MOUNTING FIXTURE ASSY		2014006-011																																												
226		POWER SUPPLY ASSY 3 VDC		2014234-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																											
225		PANEL ASSY - SIGNAL INTERFACE		2014010-011																																												
224		OSCILLOSCOPE ASSY		2014232-011																																												
223		AUXILIARY OUTLET ASSY		2014274-011																																											
222		FREQUENCY COUNTER		2014233-011																																												
221		POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011																																												
220		LOGIC DRAWER ASSY NO. 2		2014037-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																											
219		LOGIC DRAWER ASSY NO. 1		2014036-011																																												
218		COUNTER, ELECTRICAL ASSY		2014288-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																											
217		POWER SUPPLY ASSY		2014279-011																																												
216		TEST MOUNT ASSY		2014257-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																											
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																											
214		MAIN DSKY PEDESTAL MOUNT		2014343				I	NOTE II B																																										
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE IIC																																									
212		NAV DSKY		1006231																																												
211		AGC		1006230						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																											
210		UNIVERSAL DSKY		1006422																																													
209		SHIPPING CONTAINER, AGC		1006421				II	NOTE IIC																																									
208		UNIVERSAL DSKY HANDLING FIXTURE		2014013-011				I	NOTE II B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																											
207		NAV DSKY HANDLING FIXTURE		1014377																																												
206		MAIN DSKY HANDLING FIXTURE		1014334						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																											
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE II B																																									
204		OPERATION CONSOLE		2014024-011				II	NOTE IIC																																									
203		COMPUTER TEST SET		2014042-011		NAS-9-497				FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																											
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011		ENA12775																																												
201		AUXILIARY ALIBRATION CONSOLE		2014059-011		NAS-9-497																																												
200		AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE IIC																																									
21																																																
20		NA		NA	NA	NA	A	II	NOTE II C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093	.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19		NA		NA	NA	NA	A	I	NOTE II B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18		NA		NA	NA	NA	B	II	NOTE II C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
17		NA		NA	NA	NA	B	I	NOTE II B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
16		NA		NA	NA	NA	B	II	NOTE II C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093	.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	R	NA		NA	NA	NA	B	I	NOTE II B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

REVISIONS						
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/6/65	
H		REVISED PER TDRR 20892			7/26/65	
J		REVISED PER TDRR 20904			8/5/65	
K		REVISED PER TDRR 21379			9/9/65	
L		REVISED PER TDRR 21410			9/28/65	
M		REVISED PER TDRR 21993			10/	
N		REVISED PER TDRR 22621			10/	
P		REVISED PER TDRR 22671			10/	
R		REVISED PER TDRR 22672			10/	
S		REVISED PER TDRR 22750			10/	
T		REVISED PER TDRR 22823			10/	
U		REVISED PER TDRR 23072			10/31/65	
V		REVISED PER TDRR 23521			10/26/65	
W		REVISED PER TDRR 23824	RAJ		11-9-65	
Y		REVISED PER TDRR 24018	RAJ		11-16-65	
Z		REVISED PER TDRR 24046	RAJ		11-19-65	
AA		REVISED PER TDRR 24060	RAJ		11-19-65	
AB		REVISED PER TDRR 24868	RAJ		12-22-65	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-18-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-17-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-8-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27880	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-20-66	
AW		28110	"		5-16-66	
AY		28173	"		5-16-66	
AZ		28131	"		5-16-66	
BA		28124	"		5-16-66	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29322	"		6-29-66	
BG		" " " 29429	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		"	
BL		" " " 29696	"		"	
BM		" " " 29602	USD	N.C.	7-29-66	
BN		REVISION STATUS CHANGED	JE	RLW	8-2-66	
BP		REVISED PER TDRR 30168	JE	RLW	8-2-66	
BR		REVISION STATUS CHANGED	JE	RLW	8-2-66	
BS		REVISION STATUS CHANGED	GW	RLW	10-NOV-66	
BT		REVISION STATUS CHANGED	GW	RLW	10-NOV-66	
BU		REVISION STATUS CHANGED	EH	JE	9-22-67	
BV		REVISION STATUS CHANGED	JJB	RLW	9-29-67	
BW		REVISED PER TDRR 31279	JJB	RLW	10OCT 68	
BY		REVISION STATUS CHANGED	JJB	RLW	10OCT 68	
BZ		REVISION STATUS CHANGED	JJB	RLW	10OCT 68	

THIS SHEET ADDED

⑥ REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIG N
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

DRAWN R. G. Jones 7-1966
CHECKED R. J. Kemp 7-22-66
APPROVED
APPROVED W. Hopfer 7/26/66
APPROVED MIT W. Hopfer 7/26/66
APPROVED MSC Robert Hurt 10-4-66 DATE

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | SHEET 3 OF 5

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
299	R																																														
298	R																																														
297	R	COMPUTER TEST SET		2014042-051	NA	NAS9 497	B	II	NOTE IIC	FOR DIMENSIONS SEE DASH 18 VALUES BELOW																																								
296	R	SELF TEST ASSY		2014366-041	NA	NAS9-497	B	I	NOTE IIB	FOR DIMENSIONS SEE DASH 17 VALUES BELOW																																								
295	R	LOGIC DRAWER ASSY NO.1		2014036-041	NA	NAS9-497	B	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
294	R	COMPUTER TEST SET		2014042-041	NA	NAS-9-497	B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
275		DRAWER ASSY - PROGRAM & MONITOR		2014041-041				I	NOTE IIB	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
274		DRAWER ASSY RDC INTERFACE		2014045-031																																												
273		SELF TEST ASSY		2014366-031						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
272		LOGIC DRAWER ASSY NO. 2		2014037-031						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
271		DRAWING ASSY PROGRAMMER & MONITOR		2014041-031																																												
270		LOGIC DRAWER ASSY NO. 1		2014036-031				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
269		COMPUTER TEST SET		2014042-031				II	NOTE IIC	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
268		POWER CONTROL ASSY		2014044-021				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
267		SELF TEST ASSY		2014366-021																																												
266		ASC JUNCTION ASSY		2014331-021																																												
265		POWER CONTROL ASSY		2014379-021																																												
264		BUFFER CIRCUIT ASSY		2014354-021																																											
263		DRAWER ASSY X Y INTERFACE		2014040-021						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
262		DRAWER ASSY RDC INTERFACE		2014045-021																																											
261		DRAWER ASSY PROGRAMMER & MONITOR		2014041-021																																											
260		LOGIC DRAWER ASSY NO. 2		2014037-021						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
259		LOGIC DRAWER ASSY NO. 1		2014036-021				I	NOTE II B																																								
258		OPERATION CONSOLE		2014024-021				II	NOTE II C																																								
258		COMPUTER TEST SET		2014042-021				II	NOTE IIC	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
257		AUXILIARY CALIBRATION CONSOLE		2014059-021																																											
256		AGC CALIBRATION CONSOLE		2014049-021				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
255		AGC HNG FIXTURE		2014282-021				II	NOTE II C																																							
254		DRAWER ASSY COMP. SIMULATOR		2014048-011						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
253		SHIPPING KIT ASSY, NAV DSKY		20163 2-011																																											
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011																																												
251		SHIPPING KIT ASSY, MAIN DSKY		2016313-011				II	NOTE IIC																																							
250		AMPLIFIER, REWORK		2014386				I	NOTE II B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
249		TEMP MONITOR ASSY		2014313-011					NOTE II C	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
248		AGC JUNCTION ASSY		2014336-011					NOTE 1B																																								
247		AC INPUT PANEL ASSY		2014302-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
246		SELF TEST ASSY		2014392-011																																												
245		TAPE PUNCH ASSEMBLY		2014039-011																																											
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE II B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
243																																															
242																																															
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW																																								
240		SELF TEST ASSEMBLY		2014366-011	NA		B	I		FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
239		POWER SUPPLY ASSY-115V., 400 CYCLE		2014257-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
238		AC INPUT PANEL ASSY		2014043-011																																												
237		POWER CONTROL ASSY		2014079-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
236		DRAWER ASSY - X Y INTERFACE		2014040-011																																											
235		DRAWER ASSY RDC INTERFACE		2014045-011																																											
234		BUFFER CIRCUIT ASSY		2014254-011																																											
233		CONTROL & INTERFACE ASSY		2014204-011																																											
232		POWER CONTROL ASSY		2014044-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011																																											
230		CONNECTOR INTERFACE ASSY		2014272-011																																											
229		CONNECTOR INTERFACE ASSY		2014047-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
228		ANTENNA TUNING CAPACITOR ASSY		2014209-011																																											
227		MOUNTING FIXTURE ASSY		2014006-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
226		POWER SUPPLY ASSY 3 VDC		2014234-011																																											
225		PANEL ASSY - SIGNAL INTERFACE		2014010-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
224		OSCILLOSCOPE ASSY		2014232-011																																											
223		AUXILIARY OUTLET ASSY		2014274-011																																											
222		FREQUENCY COUNTER		2014233-011																																											
221		POWER SUPPLY ASSY, 10, 13, 28 VDC		2014235-011																																											
220		LOGIC DRAWER ASSY NO. 2		2014037-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
219		LOGIC DRAWER ASSY NO. 1		2014036-011																																											
218		COUNTER, ELECTRICAL ASSY		2014288-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
217		POWER SUPPLY ASSY		2014279-011																																											
216		TEST MOUNT ASSY		2014257-011																																											
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
214		MAIN DSKY PEDESTAL MOUNT		2014343																																											
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE IIC																																							
212		NAV DSKY		1006231																																											
211		AGC		1006230						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
210		UNIVERSAL DSKY		1006-22																																											
209		SHIPPING CONTAINER, AGC		1006421				II	NOTE IIC																																							
208		UNIVERSAL DSKY HANDLING FIXTURE		20140 3-011					NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
207		NAV DSKY HANDLING FIXTURE		1014377																																											
206		MAIN DSKY HANDLING FIXTURE		1014334						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE 11B																																							
204		OPERATION CONSOLE		2014024-011				II	NOTE IIC																																							
203		COMPUTER TEST SET		2014042-011		NAS-9-497				FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011		NA-275																																										
201		AUXILIARY CALIBRATION CONSOLE		2014059-011		N-S-9-497																																										
200		AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE IIC																																							
21																																															
20		NA		NA	NA	NA	A	II	NOTE II C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093	NA	.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19		NA		NA	NA	NA	A	I	NOTE II B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18		NA		NA	NA	NA	B	II	NOTE II C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	.125	NA	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.78	1.531	2.844	.312	1.562	3.875	.062	NA	1.215	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
17		NA		NA	NA	NA	B	I	NOTE II B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.78	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
16		NA		NA	NA	NA	B	II	NOTE II C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
15	R	NA		NA	NA	NA	B	I	NOTE II B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

SYM	ZONE	DESCRIPTION	DR	CHK	EXT	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7-1-65	
H		REVISED PER TDRR 20892			8-18-65	
J		REVISED PER TDRR 20904			8/26/65	
K		REVISED PER TDRR 21379			10/5/65	
L		REVISED PER TDRR 21410			10-27-65	
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072			6-21-65	
V		REVISED PER TDRR 23521			8-26-65	
W		REVISED PER TDRR 23824	RAJ		11-9-65	
Y		REVISED PER TDRR 24018	RAJ		11-16-65	
Z		REVISED PER TDRR 24040	RAJ		11-19-65	
AA		REVISED PER TDRR 24060	RAJ		11-19-65	
AB		REVISED PER TDRR 24868	RAJ		12-22-65	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-19-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-21-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-8-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27880	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-20-66	
AW		28110	"		5-16-66	
AY		28173	"		5-16-66	
AZ		28131	"		5-16-66	
BA		28124	"		5-16-66	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 29469	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29322	"		6-29-66	
BG		" " " 29429	"		"	
BH		" " " 29349	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		"	
BL		" " " 29696	"		"	
BM		" " " 29802	JJD	N.C.	7-29-66	
BN		REVISION STATUS CHANGED	JJ	RLW	7-29-66	
BP		REVISED PER TDRR 30168	JJ	RLW	8-15-66	
BR		REVISION STATUS CHANGED	JJ	RLW	8-23-66	
BS		REVISION STATUS CHANGED	GW	RLW	9-26-66	
BT		REVISION STATUS CHANGED	GW	RLW	10-7-66	
BU		REVISION STATUS CHANGED	EH	JJ	10-10-66	
BV		REVISION STATUS CHANGED	JJB	RLW	10-25-66	
BW		REVISED PER TDRR 31279	JJB	RLW	10-25-66	
BY		REVISION STATUS CHANGED	JJB	RLW	10 OCT 66	
BZ		REVISION STATUS CHANGED	JJB	RLW	10 OCT 66	
CA		REVISION STATUS CHANGED	JJB		25 OCT 66	

THIS SHEET ADDED

Ⓖ REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIG. IT.

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE	
NEXT ASSY	USED ON
APPLICATION	

MIT INSTRUMENTATION LAB
CAMBRIDGE MASS

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	R. C. Kraus	7-16-65
CHECKED	R. S. Lampe	7-22-65
APPROVED		
APPROVED	W. Hopkins	7/26/65
APPROVED MIT	W. Hopkins	11/4/66
APPROVED MSC		

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

CODE IDENT NO	SIZE	DRAWING NO.
80230	E	1004260

DATE SCALE NONE SHEET 3 OF 6

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
280	R	COMPUTER TEST SET		2014042-051	NA	NAS9-497	B	II	NOTE IIC	FOR DIMENSIONS SEE DASH 18 VALUES BELOW																																								
279	R	SELF TEST ASSY		2014366-041	NA	NAS9-497	B	I	NOTE IIB	FOR DIMENSIONS SEE DASH- 15 VALUES BELOW																																								
278	R	LOGIC DRAWER ASSY NO.1		2014036-041	NA	NAS9-497	B	I	NOTE IIB	FOR DIMENSIONS SEE DASH 17 VALUES BELOW																																								
~~277~~	~~R~~	~~FAILED TEST SET~~		~~2014042-041~~	~~NA~~	~~NAS 9-497~~	~~B~~	~~II~~	~~NOTE IIC~~	~~FOR DIMENSIONS, SEE DASH 18 VALUES BELOW~~																																								
276		DRAWER ASSY- PROGRAM & MONITOR		2014041-041				I	NOTE II B	~~FOR DIMENSIONS, SEE DASH 17 VALUES BELOW~~																																								
275		DRAWER ASSY RDC INTERFACE		2014045-031																																											
274		SELF TEST ASSY		2014366-031						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
273		LOGIC DRAWER ASSY NO. 2		2014037-031						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
272		DRAWING ASSY PROGRAMMER & MONITOR		2014041-031																																											
271		LOGIC DRAWER ASSY NO. 1		2014036-031				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
270		COMPUTER TEST SET		2014042-031				II	NOTE IIC	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
269		POWER CONTROL ASSY		2014044-021				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
268		SELF TEST ASSY		2014366 -021																																											
267		AGC JUNCTION ASSY		2014341-021																																											
266		POWER CONTROL ASSY		2014079-021																																											
265		BUFFER CIRCUIT ASSY		2014254-021																																										
264		DRAWER ASSY X Y INTERFACE		2014040-021																																										
263		DRAWER ASSY R D C INTERFACE		2014045-021																																										
262		DRAWER ASSY PROGRAMMER & MONITOR		2014041-021																																										
261		LOGIC DRAWER ASSY NO. 2		2014037-021																																										
260		LOGIC DRAWER ASSY NO. 1		2014036-021				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
259		OPERATION CONSOLE		2014024-021				II	NOTE II C																																							
258		COMPUTER TEST SET		2014042-021				II	NOTE II C																																							
257		AUXILIARY CALIBRATION CONSOLE		2014059-021				II	NOTE II C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
256		AGC CALIBRATION CONSOLE		2014049-021																																											
255		AGC HANDLING FIXTURE		2014282-021				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
254		DRAWER ASSY COMP. SIMULATOR		2014048-011				II	NOTE II C																																							
253		SHIPPING KIT ASSY, NAV DSKY		2016312-011						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011																																											
251		SHIPPING KIT ASSY, MAIN DSKY		2016313-011				II	NOTE II C																																							
250		LANDED FIELD REWORK		501-386				I	NOTE II B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
249		TEMP MONITOR ASSY		2014313-011					NOTE II C	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
248		AGC JUNCTION ASSY		2014341-011					NOTE II B																																							
247		AC INPUT PANEL ASSY		2014302-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
246		SELF TEST ASSY		2014392-011																																											
245		TAPE PUNCH ASSEMBLY		2014039-011																																										
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE II B	FOR DIMENSIONS,SEE DASH 15 VALUES BELOW																																								
243																																														
242																																														
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE II B	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW																																								
240		SELF TEST ASSEMBLY		2014366-011	NA		B	I		FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
239		POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
238		AC INPUT PANEL ASSY		2014043-011																																											
237		POWER CONTROL ASSY		2014079-011																																											
236		DRAWER ASSY-X Y INTERFACE		2014040-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
235		DRAWER ASSY R D C INTERFACE		2014045-011																																										
234		BUFFER CIRCUIT ASSY		2014254-011																																										
233		CONTROL & INTERFACE ASSY		2014204-011																																										
232		POWER CONTROL ASSY		2014044-011																																											
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011						FOR DIMENSIONS, SEE-DASH 17 VALUES BELOW																																								
230		CONNECTOR INTERFACE ASSY		2014272-011																																										
229		CONNECTOR INTERFACE ASSY		2014047-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
228		ANTENNA, TUNING CAPACITOR ASSY		2014209-011																																										
227		MOUNTING FIXTURE ASSY		2014006-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
226		POWER SUPPLY ASSY 3 VDC		2014234-011																																										
225		PANEL ASSY-SIGNAL INTERFACE		2014010-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
224		OSCILLOSCOPE ASSY		2014232-011																																										
223		AUXILIARY OUTLET ASSY		2014274-011																																										
222		FREQUENCY COUNTER		2014233-011																																										
221		POWER SUPPLY ASSY 10,13, 28 VDC		2014235-011																																										
220		LOGIC DRAWER ASSY NO. 2		2014037-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
219		LOGIC DRAWER ASSY NO. 1		2014036-011																																										
218		COUNTER, ELECTRICAL ASSY		2014288-011																																										
217		POWER SUPPLY ASSY		2014279-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
216		TEST MOUNT ASSY		2014257-011																																											
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011																																										
214		MAIN DSKY PEDESTAL MOUNT		2014343				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE II C																																							
212		NAV DSKY		1006231						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
211		AGC		1006230																																										
210		UNIVERSAL DSKY		1006-22																																											
209		SHIPPING CONTAINER, AGC		1006421				II	NOTE II C																																						
208		UNIVERSAL DSKY HANDLING FIXTURE		2014013-011				I	NOTE II B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
207		NAV DSKY HANDLING FIXTURE		1014377																																										
206		MAIN DSKY HANDLING FIXTURE		1014334						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE II B																																							
204		OPERATION CONSOLE		2014024-011				II	NOTE II C																																							
203		COMPUTER TEST SET	NAS-9-497	2014042-011						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
202		DRAWER ASSY, COMPUTER SIMULATOR	FNR12775	2014048-011																																										
201		AUXILIARY CALIBRATION CONSOLE	NAS-9-497	2014059-011																																										
200		AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE II C																																							
21																																														
20		NA		NA	NA	NA	A	II	NOTE II C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	+.005 -.013	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19		NA		NA	NA	NA	A	I	NOTE II B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18		NA		NA	NA	NA	B	II	NOTE II C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	+.005 -.013	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
17		NA		NA	NA	NA	B	I	NOTE II B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	IIA
16		NA		NA	NA	NA	B	II	NOTE II C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	+.005 -.013	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	R	NA		NA	NA	NA	B	I	NOTE II B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

RAYTHEON DASH NUMBERS

THIS SHEET ADDED
⑥ REPLACES REV F WITH CHANGE

REVISIONS

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/6/65	
H		REVISED PER TDRR 20892			7/26/65	
J		REVISED PER TDRR 20904			7/26/65	
K		REVISED PER TDRR 21379			9/6/65	
L		REVISED PER TDRR 21410			9/29/65	
M		REVISED PER TDRR 21993			10/4/65	
N		REVISED PER TDRR 22621			11/65	
P		REVISED PER TDRR 22671			11/65	
R		REVISED PER TDRR 22672			11/65	
S		REVISED PER TDRR 22750			11/65	
T		REVISED PER TDRR 22823			11/65	
U		REVISED PER TDRR 23072			12-15-65	
V		REVISED PER TDRR 23521			1-26-66	
W		REVISED PER TDRR 23824	RAJ		11-9-65	
Y		REVISED PER TDRR 24018	RAJ		11-16-65	
Z		REVISED PER TDRR 24040	RAJ		11-19-65	
AA		REVISED PER TDRR 24060	RAJ		11-19-65	
AB		REVISED PER TDRR 24868	RAJ		12-22-65	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-18-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-17-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-8-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27880	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-20-66	
AW		28110	"		5-16-66	
AY		28173	"		5-16-66	
AZ		28131	"		5-16-66	
BA		28124	"		5-16-66	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29322	"		6-23-66	
BG		" " " 29429	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		"	
BL		" " " 29696	"		"	
BM		" " " 29802	JSD	N.E.	7-29-66	
BN		REVISION STATUS CHANGED	JE	RLW	9-6-66	
BP		REVISED PER TDRR 30168	JE	RLW	9-14-66	
BR		REVISION STATUS CHANGED	JE	RLW	9-14-66	
BS		REVISION STATUS CHANGED	GW	RLW	10-6-66	
BT		REVISION STATUS CHANGED	GW	RLW	10-6-66	
BU		REVISION STATUS CHANGED	EH	JE	9-28-66	
BV		REVISION STATUS CHANGED	JJB	RLW	10-3-66	
BW		REVISED PER TDRR 31279	JJB	RLW	10-3-66	
BY		REVISION STATUS CHANGED	JJB	RLW	10 OCT 66	
BZ		REVISION STATUS CHANGED	JJB	RLW	10 OCT 66	
CA		REVISION STATUS CHANGED	JJB		25 OCT 66	
CB		REVISION STATUS CHANGED	REF		10 DEC 66	

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS				

AS APPLICABLE		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES CAPACITOR VALUES ARE IN μf RESISTOR VALUES ARE IN OHMS TOLERANCES ON FRACTIONS ± —, DECIMALS ±.005, ANGLES ± — DO NOT SCALE THIS DRAWING	MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.
NEXT ASSY	USED ON	MATERIAL SEE NOTE 11	MANNED SPACECRAFT CENTER HOUSTON, TEXAS
APPLICATION			NAMEPLATES, APOLLO GEN-GSE (STANDAPDS)
		DRAWN R.Q. Jensen 7-16-65	
		CHECKED D.S. Lampert 7-22-65	
		APPROVED	
		APPROVED W.K. Hyer 10/4/65	
		APPROVED MIT W.K. Hyer 10/4/65	CODE IDENT NO. 80230 SIZE E DRAWING NO. 1004260
		APPROVED MSC [illegible] 10-4-65	DATE SCALE NONE SHEET 3 OF 5

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
299	R																																																
298	R																																																	
280	R	COMPUTER TEST SET		2014042-051	N A	NAS9-497	B	II	NOTE IIC	FOR DIMENSIONS SEE DASH 18 VALUES BELOW																																											
279	R	SELF TEST ASSY		2014366-041	N A	NAS9-497	B	I	NOTE IIB	FOR DIMENSIONS SEE DASH- 15 VALUES BELOW																																											
278	R	LOGIC DRAWER ASSY NO.1		2014036-041	N A	NAS9-497	B	I	NOTE IIB	FOR DIMENSIONS SEE DASH 17 VALUES BELOW																																											
277	R	COMPUTER TEST SET		(2014042-051)	N A	NAS-9-497	B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																											
276	A	DRAWER ASSY - PROGRAM & MONITOR		2014041-051				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																											
275		DRAWER ASSY RDC INTERFACE		2014045-031																																														
274		SELF TEST ASSY		2014366-031						FOR DIMENSIONS, SEE DASH 19 VALUES BELOW																																											
273		LOGIC DRAWER ASSY NO. 2		2014037-031						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																											
272		DRAWING ASSY PROGRAMMER & MONITOR		2014041-031																																														
271		LOGIC DRAWER ASSY NO. 1		2014036-031				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																											
270		COMPUTER TEST SET		2014042-031				II	NOTE IIC	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																											
269		POWER CONTROL ASSY		2014044-021				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																											
268		SELF TEST ASSY		2014366-021																																														
267		AGC JUNCTION ASSY		2014341-021																																													
266		POWER CONTROL ASSY		2014079-021																																													
265		BUFFER CIRCUIT ASSY		2014254-021																																												
264		DRAWER ASSY X Y INTERFACE		2014340-021																																												
263		DRAWER ASSY R D C INTERFACE		2014045-021																																												
262		DRAWER ASSY PROGRAMMER & MONITOR		2014341-021																																												
261		LOGIC DRAWER ASSY NO. 2		2014037-021						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																											
260		LOGIC DRAWER ASSY NO. 1		2014036-021				I	NOTE II B																																										
259		OPERATION CONSOLE		2014024-021				II	NOTE II C																																									
258		COMPUTER TEST SET		2014042-021																																												
257		AUXILIARY CALIBRATION CONSOLE		2014059-021																																											
256		AGC CALIBRATION CONSOLE		2014049-021				II	NOTE II C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																											
255		AGC HANDLING FIXTURE		2014282-021				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																											
254		DRAWER ASSY COMP. SIMULATOR		2014048-011				II	NOTE II C																																									
253		SHIPPING KIT ASSY, NAV DSKY		2016312-011																																												
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																											
251		SHIPPING KIT ASSY, MAIN DSKY		2016313-011				II	NOTE II C																																									
250		AMPLIFIER, REWORK		2014386				I	NOTE II B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																											
249		TEMP MONITOR ASSY		2014313-011					NOTE II C	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																											
248		AGC JUNCTION ASSY		2014341-011					NOTE II B																																										
247		AC INPUT PANEL ASSY		2014302-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																											
246		SELF TEST ASSY		2014392-011																																														
245	R	TAPE PUNCH ASSEMBLY		2014039-011																																												
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE II B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																											
243																																																	
242																																																	
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	1	NOTE II B	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW																																											
240		SELF TEST ASSEMBLY		2014366-011	NA		B	I		FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																											
239		POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																											
238		AC INPUT PANEL ASSY		2014043-011																																													
237		POWER CONTROL ASSY		2014079-011																																													
236		DRAWER ASSY - X Y INTERFACE		2014040-011																																												
235		DRAWER ASSY R D C INTERFACE		2014045-011																																												
234		BUFFER CIRCUIT ASSY		2014254-011																																												
233		CONTROL & INTERFACE ASSY		2014204-011																																												
232		POWER CONTROL ASSY		2014044-011																																													
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011																																													
230		CONNECTOR INTERFACE ASSY		2014272-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																											
229		CONNECTOR INTERFACE ASSY		2014047-011																																												
228		ANTENNA, TUNING CAPACITOR ASSY		2014209-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																											
227		MOUNTING FIXTURE ASSY		2014006-011																																												
226		POWER SUPPLY ASSY 3 VDC		2014234-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																											
225		PANEL ASSY - SIGNAL INTERFACE		2014010-011																																												
224		OSCILLOSCOPE ASSY		2014232-011																																												
223		AUXILIARY OUTLET ASSY		2014274-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																											
222		FREQUENCY COUNTER		2014233-011																																												
221		POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																											
220		LOGIC DRAWER ASSY NO. 2		2014037-011																																												
219		LOGIC DRAWER ASSY NO. 1		2014036-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																											
218		COUNTER, ELECTRICAL ASSY		2014288-011																																												
217		POWER SUPPLY ASSY		2014279-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																											
216		TEST MOUNT ASSY		2014257-011																																												
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																											
214		MAIN DSKY PEDESTAL MOUNT		2014343				I	NOTE II B																																										
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE II C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																											
212		" NAV DSKY		1006231																																													
211		" AGC		1006230																																												
210		" UNIVERSAL DSKY		1006422																																												
209		SHIPPING CONTAINER, AGC		1006421				II	NOTE II C																																									
208		UNIVERSAL DSKY HANDLING FIXTURE		2014013-011				I	NOTE II B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																											
207		NAV DSKY HANDLING FIXTURE		1014377																																												
206		MAIN DSKY HANDLING FIXTURE		1014334						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																											
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE II B																																										
204		OPERATION CONSOLE		2014024-011				II	NOTE II C																																									
203		COMPUTER TEST SET	NAS-9-497	2014042-011																																												
202		DRAWER ASSY, COMPUTER SIMULATOR	FNP12775	2014048-011						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																											
201		AUXILIARY CALIBRATION CONSOLE	NAS-9-497	2014059-011																																													
200		AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE II C																																										
21																																																	
20		NA		NA	NA	NA	A	II	NOTE II C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	+.005 -.013	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19		NA		NA	NA	NA	A	I	NOTE II B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18		NA		NA	NA	NA	B	II	NOTE II C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	+.005 -.013	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
17		NA		NA	NA	NA	B	I	NOTE II B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
16		NA		NA	NA	NA	B	II	NOTE II C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	+.005 -.013	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	R	NA		NA	NA	NA	B	I	NOTE II B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/6/65	
H		REVISED PER TDRR 20892			7/26/65	
J		REVISED PER TDRR 20904			8/3/65	
K		REVISED PER TDRR 21379			9/8/65	
L		REVISED PER TDRR 21410			9/29/65	
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072			9/21/65	
V		REVISED PER TDRR 23521			10/26/65	
W		REVISED PER TDRR 23824	RAJ		11-9-65	
Y		REVISED PER TDRR 24018	RAJ		11/16/65	
Z		REVISED PER TDRR 24040	RAJ		11/19/65	
AA		REVISED PER TDRR 24060	RAJ		11-19-65	
AB		REVISED PER TDRR 24868	RAJ		12-22-65	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-18-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-17-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26738	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-8-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27880	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-20-66	
AW		28110	"		5-16-66	
AY		28173	"		5-16-66	
AZ		28131	"		5-16-66	
BA		28124	"		5-16-66	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-26-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29322	"		6-29-66	
BG		" " " 29425	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		"	
BL		" " " 29696	"		"	
BM		" " " 29802	JSD	N.E.	7-29-66	
BN		REVISION STATUS CHANGED	JE	RLW	8-4-66	
BP		REVISED PER TDRR 30168	JE	RLW	9-20-66	
BR		REVISION STATUS CHANGED	JE	RLW	10-10-66	
BS		REVISION STATUS CHANGED	GW	RLW	10-10-66	
BT		REVISION STATUS CHANGED	GW	RLW	10-10-66	
BU		REVISION STATUS CHANGED	EH	JE	10-27-66	
BV		REVISION STATUS CHANGED	JJB	RLW	10-28-66	
BW		REVISED PER TDRR 31279	JJB	RLW	10-28-66	
BY		REVISION STATUS CHANGED	JJB	RLW	10 OCT 66	
BZ		REVISION STATUS CHANGED	JJB	RLW	10 OCT 66	
CA		REVISION STATUS CHANGED	JJB	RLW	25 OCT 66	
CB		REVISION STATUS CHANGED	REF	RLW	30 DEC 66	
CC		REVISION STATUS CHANGED	AF	RLW	11-29-67	

THIS SHEET ADDED
⑥ REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING
MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS				

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN R. A. Jones 7-1965
CHECKED R. J. Pumphrey
APPROVED
APPROVED W. Wrigley
APPROVED MIT W. Wrigley
APPROVED MSC Robert Lee

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260
DATE | SCALE NONE | SHEET 3 OF 6

| | | |

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
299	R																																														
298	R																																														
285	R	BUFFER CIRCUIT ASSY		2014254-031	NA	NAS9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW																																							
284	R	LOGIC DRAWER ASSY NO. 2		2014037-041	NA	NAS9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW																																							
283	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-051	NA	NAS9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW																																							
282	R	COMPUTER TEST SET		2014042-061	NA	NAS9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW																																							
280	A	COMPUTER TEST SET		2014042-054	N A	NAS9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW																																							
279	A	SELF TEST ASSY		2014366-041	N A	NAS9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW																																							
278	R	LOGIC DRAWER ASSY NO.1		2014036-041	N A	NAS9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW																																							
277	R	COMPUTER TEST SET		2014042-041	N A	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW																																							
276		DRAWER ASSY - PROGRAM & MONITOR		2014041-041				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
275		DRAWER ASSY RDC INTERFACE		2014045-031																																											
274		SELF TEST ASSY		2014366-051						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
273		LOGIC DRAWER ASSY NO. 2		2014037-031						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
272		DRAWING ASSY PROGRAMMER & MONITOR		2014041-031																																										
271		LOGIC DRAWER ASSY NO. 1		2014036-031				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
270		COMPUTER TEST SET		2014042-031				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
269		POWER CONTROL ASSY		2014046-021				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
266		SELF TEST ASSY		2014366-021																																											
267		LOGIC FUNCTION ASSY		2014341-021																																										
266		POWER CONTROL ASSY		2014079-021						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
265		BUFFER CIRCUIT ASSY		2014254-021																																											
264		DRAWER ASSY X Y INTERFACE		2014040-021																																										
263		DRAWER ASSY R D C INTERFACE		2014045-021																																										
262		DRAWER ASSY PROGRAMMER & MONITOR		2014341-021						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
261		LOGIC DRAWER ASSY NO. 2		2014037-021																																										
260		LOGIC DRAWER ASSY NO. 1		2014036-021				I	NOTE 11 B																																							
259		OPERATION CONSOLE		2014024-021				II	NOTE 11C																																						
258		COMPUTER TEST SET		2014042-021				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
257		AUXILIARY CALIBRATION CONSOLE		2014059-021																																										
256		AGC CALIBRATION CONSOLE		2014049-021																																										
255		AGC HANDLING FIXTURE		2014282-021				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
254		DRAWER ASSY COMP. SIMULATOR		2014048-011				II	NOTE 11 C																																						
253		SHIPPING KIT ASSY, NAV DSKY		2016312-011						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011																																										
251		SHIPPING KIT ASSY, MAIN DSKY		2016313-011				II	NOTE 11 C																																						
250		AMPLIFIER, REWORK		2014386				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
249		DSKY MONITOR ASSY		2014313-011				I	NOTE 11 C	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
248		AGC JUNCTION ASSY		2014341-011				I	NOTE 11 B																																							
247		INPUT PANEL ASSY		2014302-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
246		SELF TEST ASSY		2014392-011																																											
243	L	TAPE PUNCH ASSEMBLY		2014039-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11 B																																							
245																																														
242																																														
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW																																							
240		SELF TEST ASSEMBLY		2014366-011	NA		B	I		FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
239		POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-041						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
238		CIRCUIT PANEL ASSY		2014043-011																																										
237		POWER CONTROL ASSY		2014079-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
236		DRAWER ASSY - X Y INTERFACE		2014040-011																																										
235		DRAWER ASSY RDC INTERFACE		2014045-011																																										
234		BUFFER CIRCUIT ASSY		2014254-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
233		CONTROL INTERFACE ASSY		2014204-011																																										
232		POWER CONTROL ASSY		2014084-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
231		DRAWER ASSY PROGRAMMER & MONITOR		2014041-011																																										
230		CONNECTOR INTERFACE ASSY		2014272-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
229		CONNECTOR INTERFACE ASSY		2014047-011																																										
228		ANTENNA TUNING CAPACITOR ASSY		2014209-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
227		MOUNTING FIXTURE ASSY		2014006-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
226		POWER SUPPLY ASSY 3 VDC		2014234-011																																										
225		PANEL ASSY - SIGNAL INTERFACE		2014040-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
224		OSCILLOSCOPE ASSY		2014232-011																																										
223		AUXILIARY OUTLET ASSY		2014274-011																																										
222		FREQUENCY COUNTER		2014233-011																																										
221		POWER SUPPLY ASSY 10,13, 28 VDC		2014235-011																																										
220		LOGIC DRAWER ASSY NO. 2		2014037-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
219		LOGIC DRAWER ASSY NO. 1		2014036-011																																										
218		COUNTER, ELECTRICAL ASSY		2014288-011																																										
217		POWER SUPPLY ASSY		2014279-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
216		TEST MOUNT ASSY		2014257-011																																											
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
214		MAIN DSKY PEDESTAL MOUNT		2014343				I	NOTE 11B																																							
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE 11C																																							
212		NAV DSKY		1006231																																										
211		AGC		1006230						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
210		UNIVERSAL DSKY		1006422																																										
209		SHIPPING CONTAINER, AGC		1006421				II	NOTE 11C																																						
208		UNIVERSAL DSKY HANDLING FIXTURE		2014013-011				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
207		NAV DSKY HANDLING FIXTURE		1014377																																										
206		MAIN DSKY HANDLING FIXTURE		1014334						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
205		AGC HANDLING PIXTURE		2014282-011				I	NOTE 11B																																							
204		OPERATION CONSOLE		2014024-011				II	NOTE 11C																																							
203		COMPUTER TEST SET		2014042-011		NAS-9-497																																									
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011		NAS12775				FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
201		AUXILIARY CALIBRATION CONSOLE		2014059-011		NAS-9-497																																									
200		AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE 11C																																							
21																																														
20		NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19		NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18		NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.468	2.750	.156	.093	.156	.125	.125	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.218	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
17		NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.468	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
16		NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

REV	ZONE	DESCRIPTION	BY	CHK	APP
G		REPLACES REV F WITH CHANGE PER TDRR 20854			
H		REVISED PER TDRR 20892			
J		REVISED PER TDRR 20904			
K		REVISED PER TDRR 21379			
L		REVISED PER TDRR 21410			
M		REVISED PER TDRR 21943			
N		REVISED PER TDRR 22421			
P		REVISED PER TDRR 22671			
R		REVISED PER TDRR 22674			
S		REVISED PER TDRR 22750			
T		REVISED PER TDRR 22823			
U		REVISED PER TDRR 23073			
V		REVISED PER TDRR 23827			
W		REVISED PER TDRR 24124			
Y		REVISED PER TDRR 24086			
Z		REVISED PER TDRR 24040			
AA		REVISED PER TDRR 24080			
AB		REVISED PER TDRR 24868			
AC		REVISED PER TDRR 24928			
AD		REVISED PER TDRR 25068			
AE		REVISED PER TDRR 25672			
AF		REVISED PER TDRR 25871			
AG		REVISED PER TDRR 26110			
AH		REVISED PER TDRR 26372			
AJ		REVISED PER TDRR 26423			
AK		REVISED PER TDRR 26748			
AL		REVISED PER TDRR 26798			
AM		REVISED PER TDRR 27169			
AN		REVISED PER TDRR 27249			
AP		REVISED PER TDRR 27343			
AR		REVISED PER TDRR 27417			
AS		REVISED PER TDRR 27442			
AT		REVISED PER TDRR 27719			
AU		REVISED PER TDRR 27880			
AV		REVISED PER TDRR 27896			
AW		28010			
AY		28173			
AZ		28134			
BA		28126			
BB		REVISED PER TDRR 28314			
BC		28949			
BD		29028			
BE		29035			
BF		29122			
BG		29255			
BH		29343			
BJ		29355			
BK		29619			
BL		29696			
BM		29802			
BN		REVISION STATUS CHANGED			
BP		REVISED PER TDRR 30068			
BR		REVISION STATUS CHANGED			
BS		REVISION STATUS CHANGED			
BT		REVISION STATUS CHANGED			
BW		REVISION STATUS CHANGED			
BY		REVISION STATUS CHANGED			
BZ		REVISION STATUS CHANGED			
CA		REVISION STATUS CHANGED			
CB		REVISION STATUS CHANGED			
CC		REVISION STATUS CHANGED			
CD		REVISED PER TDRR [illegible]			
CE		REVISED PER TDRR 68447			

THIS SHEET ADDED
REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION
			LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. CAPACITOR VALUES ARE IN μf. RESISTOR VALUES ARE IN OHMS. TOLERANCES ON FRACTIONS ±, DECIMALS ±.005, ANGLES ±. DO NOT SCALE THIS DRAWING.

MATERIAL: SEE NOTE 11

AS APPLICABLE. NEXT ASSY. USED ON. APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN	R C Jones	7-16-65
CHECKED		7-26-65
APPROVED		
APPROVED		7/26/65
APPROVED MIT		7/26/65
APPROVED MSC		7/26/65

NAMEPLATES APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80730 SIZE E DRAWING NO. 1004260

SCALE NONE

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
299	R																																														
298	R																																															
297																																																
296																																																
295	R	BUFFER CIRCUIT ASSY		2014254-031	NA	NAS9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW																																								
294	R	LOGIC DRAWER ASSY NO. 2		2014037-041	NA	NAS9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW																																								
293	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-051	NA	NAS9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW																																								
292	R	COMPUTER TEST SET		2014042-061	NA	NAS9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW																																								
285	R	COMPUTER TEST SET		2014042-051	N A	NAS9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW																																								
75	R	SELF TEST ASSY		2014366-041	N A	NAS9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH- 15 VALUES BELOW																																								
78	R	LOGIC DRAWER ASSY NO.1		2014036-041	N A	NAS9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW																																								
349	B	COMPUTER TEST SET		2014042-041	N A	NAS 9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW																																								
77		DRAWER ASSY - PROGRAM & MONITOR		2014041-041				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
76		DRAWER ASSY RDC INTERFACE		2014048-031																																											
274		SELF TEST ASSY		2014366-031						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
273		LOGIC DRAWER ASSY NO. 2		2014037-031						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
272		DRAWING ASSY PROGRAMMER & MONITOR		2014041-031																																											
271		LOGIC DRAWER ASSY NO. 1		2014036-031				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
270		COMPUTER TEST SET		2014042-031				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
269		POWER CONTROL ASSY		2014044-021				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
268		SELF TEST ASSY		2014366 -021																																											
267		AGC JUNCTION ASSY		2014341-021																																											
266		POWER CONTROL ASSY		2014079-021																																											
265		BUFFER CIRCUIT ASSY		2014254-021						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
264		DRAWER ASSY X Y INTERFACE		2014040-021																																										
263		DRAWER ASSY R D C INTERFACE		2014045-021																																										
262		DRAWER ASSY PROGRAMMER & MONITOR		2014041-021																																										
261		LOGIC DRAWER ASSY NO. 2		2014037-021						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
260		LOGIC DRAWER ASSY NO. 1		2C 0036-021				I	NOTE 11 B																																								
259		OPERATION CONSOLE		2014024-021				II	NOTE 11C																																								
258		COMPUTER TEST SET		2014042-021																																											
257		AUXILIARY CALIBRATION CONSOLE		2014059-021																																										
256		AGC CALIBRATION CONSOLE		2014049-021				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
255		AGC HANDLING FIXTURE		2014282-021				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
254		DRAWER ASSY COMP. SIMULATOR		2014048-011				II	NOTE 11 C																																								
253		SHIPPING KIT ASSY, NAV DSKY		2016312-011						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011																																											
251		SHIPPING KIT ASSY, MAIN DSKY		2016313-011				II	NOTE 11C																																								
250		AMPLIFIER, REWORK		2014386				I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
249		TEMP MONITOR ASSY		2014313-011					NOTE 11C	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
248		AGC JUNCTION ASSY		2014341-011					NOTE 11 B																																								
247		AC INPUT PANEL ASSY		2014302-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
246		SELF TEST ASSY		2014392 011																																											
245		TAPE PUNCH ASSEMBLY		2014039-011																																										
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
243																																														
242																																														
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11 B	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW																																								
240		SELF TEST ASSEMBLY		2014366-011	NA		B	I		FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
239		POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
238		AC INPUT PANEL ASSY		2014043-011																																											
237		POWER CONTROL ASSY		2014079-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
236		DRAWER ASSY - K Y INTERFACE		2014040-011																																										
235		DRAWER ASSY R D C INTERFACE		2014045-011																																										
234		BUFFER CIRCUIT ASSY		2014254-011																																										
233		CONTROL & INTERFACE ASSY		2014204-011																																										
232		POWER CONTROL ASSY		2014044-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011																																										
230		CONNECTOR INTERFACE ASSY		2014272-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
229		CONNECTOR INTERFACE ASSY		2014047-011																																										
228		ANTENNA TUNING CAPACITOR ASSY		2014209-011																																										
227		MOUNTING FIXTURE ASSY		2014006-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
226		POWER SUPPLY ASSY 3 VDC		2014234-011																																										
225		PANEL ASSY - SIGNAL INTERFACE		2014010-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
224		OSCILLOSCOPE ASSY		2014232-011																																										
223		AUXILIARY OUTLET ASSY		2014274-011																																										
222		FREQUENCY COUNTER		2014233-011																																										
221		POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011																																										
220		LOGIC DRAWER ASSY NO. 2		2014037-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
219		LOGIC DRAWER ASSY NO. 1		2014036-011																																										
218		COUNTER, ELECTRICAL ASSY		2014288-011																																										
217		POWER SUPPLY ASSY		2014279-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
216		TEST MOUNT ASSY		2014257-011																																											
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
214		MAIN DSKY PEDESTAL MOUNT		2014343				I	NOTE 11B																																								
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE 11C																																								
212		NAV DSKY		1006231						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
211		AGC		1006230																																										
210		UNIVERSAL DSKY		1006-22																																											
209		SHIPPING CONTAINER, AGC		1006421				II	NOTE 11C																																								
208		UNIVERSAL DSKY HANDLING FIXTURE		2014013-011				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
207		NAV DSKY HANDLING FIXTURE		1014377																																											
206		MAIN DSKY HANDLING FIXTURE		1014334						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE 11B																																								
204		OPERATION CONSOLE		2014024-011				II	NOTE 11C																																								
203		COMPUTER TEST SET		2014042-011		NAS-9-497																																									
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011		FNP12775				FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
201		AUXILIARY CALIBRATION CONSOLE		2014059-011		NAS-9-497																																									
200		AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE 11C																																								
21																																														
20		NA		NA	NA	NA	A	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093 +.13 -.06	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19		NA		NA	NA	NA	A	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18		NA		NA	NA	NA	B	II	NOTE 11 C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	.125 +.13 -.06	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
17		NA		NA	NA	NA	B	I	NOTE 11 B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
16		NA		NA	NA	NA	B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093 +.13 -.06	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	R	NA		NA	NA	NA	B	I	NOTE 11 B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7-14-65	
H		REVISED PER TDRR 20892			7-28-65	
J		REVISED PER TDRR 20904			8-4-65	
K		REVISED PER TDRR 21379			8-18-65	
L		REVISED PER TDRR 21410			8-18-65	
M		REVISED PER TDRR 21993			9-15-65	
N		REVISED PER TDRR 22621			10-27-65	
P		REVISED PER TDRR 22671			11-3-65	
R		REVISED PER TDRR 22672			11-3-65	
S		REVISED PER TDRR 22750			11-8-65	
T		REVISED PER TDRR 22823			11-17-65	
U		REVISED PER TDRR 23072			12-13-65	
V		REVISED PER TDRR 23521			1-26-66	
W		REVISED PER TDRR 23824	RAJ		2-9-66	
Y		REVISED PER TDRR 24018	RAJ		2-24-66	
Z		REVISED PER TDRR 24040	RAJ		2-25-66	
AA		REVISED PER TDRR 24060	RAJ		3-1-66	
AB		REVISED PER TDRR 24868	RAJ		3-22-66	
AC		REVISED PER TDRR 24973	RAJ		3-31-66	
AD		REVISED PER TDRR 25065	RAJ		4-5-66	
AE		REVISED PER TDRR 25672	RAJ		4-29-66	
AF		REVISED PER TDRR 25671	RAJ		4-29-66	
AG		REVISED PER TDRR 26110	RAJ		5-13-66	
AH		REVISED PER TDRR 26372	"		5-16-66	
AJ		REVISED PER TDRR 26425	"		5-16-66	
AK		REVISED PER TDRR 26743	"		5-16-66	
AL		REVISED PER TDRR 26798	"		5-16-66	
AM		REVISED PER TDRR 27168	"		5-27-66	
AN		REVISED PER TDRR 27235	"		6-1-66	
AP		REVISED PER TDRR 27345	"		6-15-66	
AR		REVISED PER TDRR 27417	"		6-15-66	
AS		REVISED PER TDRR 27442	"		6-15-66	
AT		REVISED PER TDRR 27719	"		6-20-66	
AU		REVISED PER TDRR 27880	"		6-20-66	
AV		REVISED PER TDRR 27896	"		6-20-66	
AW		2811C	"		6-30-66	
AY		28173	"		7-6-66	
AZ		28131	"		7-6-66	
BA		28124	"		7-6-66	
BB		REVISED PER TDRR 28511	"		7-6-66	
BC		" " " 28949	"		8-29-66	
BD		" " " 28222	"		8-8-66	
BE		" " " 28235	"		"	
BF		" " " 29322	"		9-29-66	
BG		" " " 29429	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		"	
BL		" " " 29696	"		"	
BM		" " " 29802	JSD	N.C.	12-29-66	
BN		REVISION STATUS CHANGED	JJ		1-5-67	
BP		REVISED PER TDRR 30168	JE		1-11-67	
BR		REVISION STATUS CHANGED	JJ		1-13-67	
BS		REVISION STATUS CHANGED	GW		1-24-67	
BT		REVISION STATUS CHANGED	GW		1-31-67	
BU		REVISION STATUS CHANGED	EH		2-7-67	
BV		REVISION STATUS CHANGED	JJB		2-13-67	
BW		REVISED PER TDRR 31279	JJB		3-3-67	
BY		REVISION STATUS CHANGED	JJB		10 OCT 68	
BZ		REVISION STATUS CHANGED	JJB		10 OCT 68	
CA		REVISION STATUS CHANGED	JJB		25 OCT 68	
CB		REVISION STATUS CHANGED	REF		20 DEC 68	
CC		REVISION STATUS CHANGED	AE		11 DEC 68	
CD		REVISED PER TDRR 32640	DR		14 FEB 69	
CE		REVISED PER TDRR 33447	EMH		19 MAY 69	
CF		REVISION STATUS CHANGED	EMH		19 MAY 69	

THIS SHEET ADDED

⑥ REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES, CAPACITOR VALUES ARE IN μf, RESISTOR VALUES ARE IN OHMS. TOLERANCES ON FRACTIONS ±, DECIMALS ±.005, ANGLES ±—. DO NOT SCALE THIS DRAWING

MATERIAL: SEE NOTE 11

AS APPLICABLE

NEXT ASSY | USED ON

APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN R G Jones 7-16-65

CHECKED D S Tapp 7-22-65

APPROVED

APPROVED W Kaplan 7/26/65

APPROVED MIT W Kaplan 7/26/65

APPROVED MSC

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260

DATE | SCALE NONE | SHEET 3 OF 6

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL
299	R								
298	R								
285	R	BUFFER CIRCUIT ASSY		2014254-031	NA	NAS9497	B	I	NOTE 11B
284	R	LOGIC DRAWER ASSY NO. 2		2016737-041	NA	NAS9497	B	I	NOTE 11B
283	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-051	NA	NAS9-497	B	I	NOTE 11B
282	R	COMPUTER TEST SET		2014042-061	NA	NAS9-497	B	II	NOTE 11C
280	R	COMPUTER TEST SET		2014042-051	NA	NAS9 497	B	II	NOTE 11C
279	R	SELF TEST ASSY		2014366-041	NA	NAS9-497	B	I	NOTE 11B
278	R	LOGIC DRAWER ASSY NO.1		2014036-041	NA	NAS9-497	B	I	NOTE 11B
277	R	COMPUTER TEST SET		2014042-041	NA	NAS9-497	B	II	NOTE 11C
276		DRAWER ASSY - PROGRAM & MONITOR		2014041-041				I	NOTE 11 B
275		DRAWER ASSY RDC INTERFACE		2014045-031					
274		SELF TEST ASSY		2014366-031					FOR DIMENSIONS, SEE DASH 15 VALUES BELOW
273		LOGIC DRAWER ASSY NO. 2		2016737-031					FOR DIMENSIONS, SEE DASH 17 VALUES BELOW
272		DRAWING ASSY PROGRAMMER & MONITOR		2014041-031					
271		LOGIC DRAWER ASSY NO. 1		2014036-031				I	NOTE 11 B
270		COMPUTER TEST SET		2014042-031				II	NOTE 11C
269		POWER CONTROL ASSY		2014044-021					NOTE 11 B
268		SELF TEST ASSY		2014366-021					
267		ASC INTERFACE ASSY		2014341-021					
266		POWER CONTROL ASSY		2014079-021					
265		DRIVER CIRCUIT ASSY		2014254-021					FOR DIMENSIONS, SEE DASH 15 VALUES BELOW
264		DRIVER ASSY A/Y INTERFACE		2014340-021					
263		DRAWER ASSY RDC INTERFACE		2014045-021					
262		DRAWER ASSY PROGRAMMER & MONITOR		2014041-021					
261		LOGIC DRAWER ASSY NO. 2		2014037-021					FOR DIMENSIONS, SEE DASH 17 VALUES BELOW
260		LOGIC DRAWER ASSY NO. 1		2014036-021				I	NOTE 11 B
259		OPERATION CONSOLE		2014084-021				II	NOTE 11C
258		COMPUTER TEST SET		2014042-021					
257		AUXILIARY CALIBRATION CONSOLE		2014059-021				II	NOTE 11C
256		AGC CALIBRATION CONSOLE		2014049-021					FOR DIMENSIONS, SEE DASH 18 VALUES BELOW
255		AGC HANDLING FIXTURE		2014282-021				I	NOTE 11B
254		DRAWER ASSY COMP. SIMULATOR		2014048-011				II	NOTE 11C
253		SHIPPING KIT ASSY, [illegible]		2016312-011					
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011					FOR DIMENSIONS, SEE DASH 18 VALUES BELOW
251		SHIPPING KIT ASSY, MAIN DSKY		2016213-011				II	NOTE 11C
250		COMPUTER REWORK		2014386				I	NOTE 11B
249		TEMP MONITOR ASSY		2014313-011					NOTE 11C FOR DIMENSIONS, SEE DASH 17 VALUES BELOW
248		AGC JUNCTION ASSY		2014341-011					NOTE 11B
247		AC INPUT PANEL ASSY		2014302-011					FOR DIMENSIONS, SEE DASH 15 VALUES BELOW
246		SELF TEST ASSY		2014392-011					
245		TAPE PUNCH ASSEMBLY		2014089-011					
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS9-497	B	I	NOTE 11B
243									FOR DIMENSIONS, SEE DASH 15 VALUES BELOW
242									
64	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS9-497	A	I	NOTE 11B
240		SELF TEST ASSEMBLY		2014366-011	NA		B	I	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW
239		POWER SUPPLY ASSY-115V, 400 CYCLE		2014207-041					FOR DIMENSIONS, SEE DASH 15 VALUES BELOW
238		AC INPUT PANEL ASSY		2014043-011					FOR DIMENSIONS, SEE DASH 17 VALUES BELOW
237		POWER CONTROL ASSY		2014079-011					
236		DRAWER ASSY-XY INTERFACE		2014040-011					
235		DRAWER ASSY RDC INTERFACE		2014045-011					FOR DIMENSIONS, SEE DASH 15 VALUES BELOW
234		BUFFER CIRCUIT ASSY		2014254-011					
233		CONTROL INTERFACE ASSY		2014274-011					
232		POWER CONTROL ASSY		2014044-011					
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011					FOR DIMENSIONS, SEE DASH 17 VALUES BELOW
230		CONNECTOR INTERFACE ASSY		2014272-011					
229		CONNECTOR INTERFACE ASSY		2014047-011					FOR DIMENSIONS, SEE DASH 15 VALUES BELOW
228		ANTENNA TUNING CAPACITOR ASSY		2014209-011					
227		MOUNTING FIXTURE ASSY		2014006-011					FOR DIMENSIONS, SEE DASH 17 VALUES BELOW
226		POWER SUPPLY ASSY 3 VDC		2014234-011					
225		PANEL ASSY-SIGNAL INTERFACE		2014060-011					FOR DIMENSIONS, SEE DASH 15 VALUES BELOW
224		OSCILLOSCOPE ASSY		2014232-011					
223		AUXILIARY OUTLET ASSY		2014274-011					
222		FREQUENCY COUNTER		2014233-011					
221		POWER SUPPLY ASSY 10,13, 28 VDC		2014235-011					
220		LOGIC DRAWER ASSY NO. 2		2014037-011					FOR DIMENSIONS, SEE DASH 17 VALUES BELOW
219		LOGIC DRAWER ASSY NO. 1		2014036-011					
218		COUNTER, ELECTRICAL ASSY		2014288-011					
217		POWER SUPPLY ASSY		2014279-011					FOR DIMENSIONS, SEE DASH 15 VALUES BELOW
216		TEST MOUNT ASSY		2014257-011					
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011					
214		MAIN DSKY PEDESTAL MOUNT		2014343				I	NOTE 11B FOR DIMENSIONS, SEE DASH 17 VALUES BELOW
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE 11C
212		NAV DSKY		1006231					
211		AGC		1006235					FOR DIMENSIONS, SEE DASH 18 VALUES BELOW
210		UNIVERSAL DSKY		1006422					
209		SHIPPING CONTAINER, AGC		1006421				II	NOTE 11C
208		UNIVERSAL DSKY HANDLING FIXTURE		2014013-011					NOTE 11B FOR DIMENSIONS, SEE DASH 15 VALUES BELOW
207		NAV DSKY HANDLING FIXTURE		1014377					
206		MAIN DSKY HANDLING FIXTURE		1014334					FOR DIMENSIONS, SEE DASH 17 VALUES BELOW
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE 1B
204		OPERATION CONSOLE		2014026-011				II	NOTE 11C
203		COMPUTER TEST SET		2014042-011		NAS-9-497			
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011		NAS-9-5			FOR DIMENSIONS, SEE DASH 18 VALUES BELOW
201		AUXILIARY CALIBRATION CONSOLE		2014059-011					
200		AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE 11C
21									
20		NA		NA	NA	NA	A	II	NOTE 11 C
19		NA		NA	NA	NA	A	I	NOTE 11 B
18		NA		NA	NA	NA	B	II	NOTE 11 C
17		NA		NA	NA	NA	B	I	NOTE 11 B
16		NA		NA	NA	NA	B	II	NOTE 11 C
15	R	NA		NA	NA	NA	B	I	NOTE 11 B

DASH NO.	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
20	2.000	1.312	1.687	1.375	.078	.031	.375	.093	.375	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18	4.187	.875	3.469	2.750	.156	.093	.156	.125	NA	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	3.625	3.875	.062	NA	1.219	.500	.156	7.193	3.469	.156	NA	.156	7.5	.344	3.875
17	4.187	.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	7.193	3.469	.156	NA	.156	7.5	.344	NA
16	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.03	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

ZONE	DESCRIPTION	BY	CHK	DATE	CHANGE NO.
G	REPLACES REV F WITH CHANGE PER TDRR 20854				
H	REVISED PER TDRR 20892				
J	REVISED PER TDRR 20904				
K	REVISED PER TDRR 21379				
L	REVISED PER TDRR 21410				
M	REVISED PER TDRR 21993				
N	REVISED PER TDRR 22621				
P	REVISED PER TDRR 22671				
R	REVISED PER TDRR 22672				
S	REVISED PER TDRR 22750				
T	REVISED PER TDRR 22823				
U	REVISED PER TDRR 23072				
V	REVISED PER TDRR 23521				
W	REVISED PER TDRR 23824	RAJ			
Y	REVISED PER TDRR 24018	RAJ			
Z	REVISED PER TDRR 24040	RAJ			
AA	REVISED PER TDRR 24060	RAJ			
AB	REVISED PER TDRR 24868	RAJ			
AC	REVISED PER TDRR 24973	RAJ			
AD	REVISED PER TDRR 25065	RAJ			
AE	REVISED PER TDRR 25672	RAJ			
AF	REVISED PER TDRR 25671	RAJ			
AG	REVISED PER TDRR 26110	RAJ			
AH	REVISED PER TDRR 26372	-			
AJ	REVISED PER TDRR 26425	"			
AK	REVISED PER TDRR 26743	"			
AL	REVISED PER TDRR 27080	"			
AM	REVISED PER TDRR 27168	"			
AN	REVISED PER TDRR 27235	"			
AP	REVISED PER TDRR 27345	"			
AR	REVISED PER TDRR 27417	"			
AS	REVISED PER TDRR 27442	"			
AT	REVISED PER TDRR 27719	-			
AU	REVISED PER TDRR 27890	"			
AV	REVISED PER TDRR 27896	-			
AW	" " " 28110	-			
AY	" " " 28173	"			
AZ	" " " 28131	"			
BA	" " " 28124	-			
BB	REVISED PER TDRR 28511	-			
BC	" " " 28948	"			
BD	" " " 29322	"			
BE	" " " 29235	"			
BF	" " " 29322	"			
BG	" " " 29429	"			
BH	" " " 29449	"			
BJ	" " " 29335	"			
BK	" " " 29619	"			
BL	" " " 29696	"			
BM	" " " 29902	JSD	N.E.		
BN	REVISION STATUS CHANGED	JE			
BP	REVISED PER TDRR 30168	JE			
BR	REVISION STATUS CHANGED	JE			
BS	REVISION STATUS CHANGED	GW			
BT	REVISION STATUS CHANGED	GW			
BU	REVISION STATUS CHANGED	EH			
BV	REVISION STATUS CHANGED	JJB			
BW	REVISED PER TDRR 31279	JJB			
BY	REVISION STATUS CHANGED	JJB			
BZ	REVISION STATUS CHANGED	JJB			
CA	REVISION STATUS CHANGED	JJB			
CB	REVISION STATUS CHANGED	RET			
CC	REVISION STATUS CHANGED	AS			
CD	REVISED PER TDRR 32440	DR			
CE	REVISED PER TDRR 33447				
CF	REVISION STATUS CHANGED				
CG	REVISION STATUS CHANGED	AJ			

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIALS

MIT INSTRUMENTATION LAB CAMBRIDGE MASS	MANNED SPACECRAFT CENTER HOUSTON, TEXAS
DRAWN [illegible] 7-19-65	NAMEPLATES
CHECKED [illegible] 7-22-65	APOLLO GEN-GSE
APPROVED [illegible]	(STANDARDS)
APPROVED MIT [illegible]	CODE IDENT NO. 80250 SIZE E DRAWING NO. 1004260
APPROVED MSC [illegible]	DATE SCALE NONE SHEET 1 OF 2

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL SEE NOTE 11

AS APPLICABLE
NEXT ASSY USED ON
APPLICATION

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	R	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
299	R																																														
298	R																																															
285	R	BUFFER CIRCUIT ASSY		2014254-031	NA	NAS9497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW																																								
284	R	LOGIC DRAWER ASSY NO. 2		2014037-031	NA	NAS9497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW																																								
283	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-051	NA	NAS9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW																																								
282	R	COMPUTER TEST SET		2014042-061	NA	NAS9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW																																								
280	R	COMPUTER TEST SET		2014042-051	NA	NAS9 497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW																																								
279	R	SELF TEST ASSY		2014366-041	NA	NAS9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW																																								
278	R	LOGIC DRAWER ASSY NO.1		2014036-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW																																								
277	R	COMPUTER TEST SET		2014042-041	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW																																								
276		DRAWER ASSY - PROGRAM & MONITOR		2014041-041				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
275		DRAWER ASSY RDC INTERFACE		2014045-031																																											
274		SELF TEST ASSY		2014366-031						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
273		LOGIC DRAWER ASSY NO. 2		2014037-031						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
272		DRAWING ASSY PROGRAMMER & MONITOR		2014041-031																																											
271		LOGIC DRAWER ASSY NO. 1		2014036-031				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
270		COMPUTER TEST SET		2014042-031				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
269		POWER CONTROL ASSY		2014044-021				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
268		SELF TEST ASSY		2014366-021																																											
267		AGC CONNECTION ASSY		2014341-021																																											
266		POWER CONTROL ASSY		2014079-021						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
265		BUFFER CIRCUIT ASSY		2014254-021																																											
264		DRAWER ASSY X-Y INTERFACE		2014340-021																																											
263		DRAWER ASSY RDC INTERFACE		2014045-021																																											
262		DRAWER ASSY PROGRAMMER & MONITOR		2014041-021																																											
261		LOGIC DRAWER ASSY NO. 2		2014037-021						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
260		LOGIC DRAWER ASSY NO. 1		2014036-021				I	NOTE 11B																																								
259		OPERATION CONSOLE		2014084-021				II	NOTE 11C																																							
258		COMPUTER TEST SET		2014042-021				II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
257		AUXILIARY CALIBRATION CONSOLE		2014059-021																																										
256		AGC CALIBRATION CONSOLE		2014049-021				II	NOTE 11C																																							
255		AGC HANDLING FIXTURE		2014282-021				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
254		DRAWER ASSY COMP. SIMULATOR		2014048-011				II	NOTE 11C																																							
253		SHIPPING KIT ASSY., MAIN DSKY		2016312-011						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
252		SHIPPING KIT ASSY. UNIVERSAL DSKY		2016316-011																																											
251		SHIPPING KIT ASS'Y, MAIN DSKY		2016313-011				II	NOTE 11C																																							
250		AMPLIFIER, REWORK		2014386				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
249		TEMP MONITOR ASSY		2014313-011				I	NOTE 11C	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
248		AGC JUNCTION ASSY		2014341-011				I	NOTE 11B																																								
247		AC INPUT PANEL ASSY		2014302-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
246		SELF TEST ASSY		2014392-011																																											
245		TAPE PUNCH ASSEMBLY		2014039-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11B																																								
243																																															
242																																															
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW																																								
240		SELF TEST ASSEMBLY		20 3366-041	NA		B	I		FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
239		POWER SUPPLY ASSY-115V., 400CYCLE		20 4207-041						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
238		AC INPUT PANEL ASSY		20 1043-011																																											
237		POWER CONTROL ASSY		2014079-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
236		DRAWER ASSY-X-Y INTERFACE		2014340-011																																										
235		DRAWER ASSY RDC INTERFACE		2014045-011																																										
234		BUFFER CIRCUIT ASSY		2014254-011																																										
233		CONTROL INTERFACE ASSY		2014204-011																																										
232		POWER CONTROL ASSY		2014084-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011																																										
230		CONNECTOR INTERFACE ASSY		2014272-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
229		CONNECTOR INTERFACE ASSY		2014047-011																																										
228		ANTENNA TUNING CAPACITOR ASSY		2014209-011																																										
227		MOUNTING FIXTURE ASSY		2014006-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
226		POWER SUPPLY ASSY 3.1 VDC		2014234-011																																										
225		PANEL ASSY-SIGNAL INTERFACE		2014040-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
224		OSCILLOSCOPE ASSY		2014232-011																																										
223		AUXILIARY OUTLET ASSY		2014274-011																																										
222		FREQUENCY COUNTER		2014233-011																																										
221		POWER SUPPLY ASSY 10,13, 28 VDC		2014235-011																																										
220		LOGIC DRAWER ASSY NO. 2		2014037-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
219		LOGIC DRAWER ASSY NO. 1		2014036-011																																										
218		COUNTER, ELECTRICAL ASSY		2014288-011																																										
217		POWER SUPPLY ASSY		2014279-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
216		TEST MOUNT ASSY		2014257-011																																											
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014044-011																																											
214		MAIN DSKY PEDESTAL MOUNT		2014343				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE 11C																																							
212		" " NAV DSKY		1006231																																											
211		" " AGC		1006230						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
210		" " UNIVERSAL DSKY		1006422																																											
209		SHIPPING CONTAINER, AGC		1006421				II	NOTE 11C																																							
208		UNIVERSAL DSKY HANDLING FIXTURE		2014013-011				I	NOTE 11B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
207		NAV DSKY HANDLING FIXTURE		1014377																																											
206		MAIN DSKY HANDLING FIXTURE		1014334						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
205		AGC HANDLING PIXTURE		2014282-011				I	NOTE 11B																																								
204		OPERATION CONSOLE		2014084-011				II	NOTE 11C																																							
203		COMPUTER TEST SET		2014042-011		NAS-9-497		II	NOTE 11C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011		ENA-2775																																										
201		AUXILIARY CALIBRATION CONSOLE		2014059-011		NAS-9-497																																										
200		AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE 11C																																							
21																																														
20		NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.75	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19		NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18		NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	.75	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	7.719	3.469	.156	NA	.156	7.719	.344	3.875
17		NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	7.719	3.469	.156	NA	.156	7.719	.344	NA
16		NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.75	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

NOTES FOR TABLE

STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES . .

SYM	ZONE	DESCRIPTION	BY	APP'D	DATE
G		REPLACES REV F WITH CHANGE PER TDRR 20854			
H		REVISED PER TDRR 20892			
J		REVISED PER TDRR 20904			
K		REVISED PER TDRR 21379			
L		REVISED PER TDRR 21410			
M		REVISED PER TDRR 21993			
N		REVISED PER TDRR 22621			
P		REVISED PER TDRR 22671			
R		REVISED PER TDRR 22672			
S		REVISED PER TDRR 22750			
T		REVISED PER TDRR 22823			
U		REVISED PER TDRR 23072			
V		REVISED PER TDRR 23521			
W		REVISED PER TDRR 23824	RAJ		
Y		REVISED PER TDRR 24018	RAJ		
Z		REVISED PER TDRR 24040	RAJ		
AA		REVISED PER TDRR 24060	RAJ		
AB		REVISED PER TDRR 24868	RAJ		
AC		REVISED PER TDRR 24973	RAJ		
AD		REVISED PER TDRR 25065	RAJ		
AE		REVISED PER TDRR 25672	RAJ		
AF		REVISED PER TDRR 25671	RAJ		
AG		REVISED PER TDRR 26110	RAJ		
AH		REVISED PER TDRR 26372			
AJ		REVISED PER TDRR 26423			
AK		REVISED PER TDRR 26743			
AL		REVISED PER TDRR 26798			
AM		REVISED PER TDRR 27166			
AN		REVISED PER TDRR 27235			
AP		REVISED PER TDRR 27345			
AR		REVISED PER TDRR 27417			
AS		REVISED PER TDRR 27442			
AT		REVISED PER TDRR 2779			
AU		REVISED PER TDRR 27860			
AV		REVISED PER TDRR 27896			
AW		28110			
AY		28173			
AZ		28131			
BA		28124			
BB		REVISED PER TDRR 28511			
BC		" " " 28949			
BD		" " " 29022			
BE		" " " 29035			
BF		" " " 29322			
BG		" " " 29429			
BH		" " " 29449			
BJ		" " " 29335			
BK		" " " 29619			
BL		" " " 29496			
BM		" " " 29802	JJB	N.E.	
BN		REVISION STATUS CHANGED	JJB		
BP		REVISED PER TDRR 30168	JJB		
BR		REVISION STATUS CHANGED	JJB		
BT		REVISION STATUS CHANGED	GW		
BU		REVISION STATUS CHANGED	GW		
BV		REVISION STATUS CHANGED	JJB		
BW		REVISED PER TDRR 31279	JJB		
BY		REVISION STATUS CHANGED	JJB		
BZ		REVISION STATUS CHANGED	JJB		
CA		REVISION STATUS CHANGED	JJB		
CB		REVISION STATUS CHANGED	JJB		
CC		REVISION STATUS CHANGED	AF		
CD		REVISED PER TDRR 32440	DR		
CE		REVISED PER TDRR 33447	GW		
CF		REVISION STATUS CHANGED	GW		
CG		REVISION STATUS CHANGED	AH		
CH		REVISION STATUS CHANGED	AH		

THIS SHEET ADDED
Ⓖ REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	REF

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
— ±.005 ±—
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 11.
FINISH

AS APPLICABLE
NEXT ASSY USED ON
APPLICATION

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN 7-16-68
CHECKED 7-16-68
APPROVED
APPROVED
APPROVED MIT
APPROVED MSC

NAMEPLATES
APOLLO GEN-GSE
(STANDARDS)

CODE IDENT NO. 80350 SIZE E DRAWING NO. 1002260
SCALE NONE SHEET
DATE

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AF	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
285	R	BUFFER CIRCUIT ASSY		2014254-039	NA	NAS9497	B	I	NOTE II B	FOR DIMENSIONS SEE DASH 19 VALUES BELOW																																								
284	R	LOGIC DRAWER ASSY NO. 2		2014037-041	NA	NAS9497	B	I	NOTE II B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW																																								
283	R	DRAWER ASS'Y-PROGRAM & MONITOR		2014041-051	NA	NAS9-497	B	I	NOTE II B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW																																								
282	R	COMPUTER TEST SET		2014042-061	NA	NAS9-497	B	II	NOTE II C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW																																								
280	R	COMPUTER TEST SET		2014042-051	NA	NAS9-497	B	II	NOTE II C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW																																								
279	R	SELF TEST ASSY		2014366-041	NA	NAS9-497	B	I	NOTE II B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW																																								
278	R	LOGIC DRAWER ASSY NO.1		2014036-041	NA	NAS9-497	B	I	NOTE II B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW																																								
277	R	COMPUTER TEST SET		2014042-041	NA	NAS9-497	B	II	NOTE II C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
276		DRAWER ASSY - PROGRAM & MONITOR		2014041-041				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
275		DRAWER ASSY RDC INTERFACE		2014045-031																																											
274		SELF TEST ASSY		2014366-031						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
273		LOGIC DRAWER ASSY NO. 2		2014037-031						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
272		DRAWING ASSY PROGRAMMER & MONITOR		2014041-031																																										
271		LOGIC DRAWER ASSY NO. 1		2014036-031				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
270		COMPUTER TEST SET		2014042-031				II	NOTE II C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
269		POWER CONTROL ASSY		2014044-021				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
268		SELF TEST ASSY		2014366-021																																											
267		ASC JUNCTION ASSY		2014134-021						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
266		POWER CONTROL ASSY		2014079-021																																											
265		BUFFER CIRCUIT ASSY		2014254-021																																										
264		DRAWER ASSY XY INTERFACE		2014040-021																																										
263		DRAWER ASSY RDC INTERFACE		2014045-021																																										
262		DRAWER ASSY PROGRAMMER & MONITOR		2014041-021																																										
261		LOGIC DRAWER ASSY NO. 2		2014037-021						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
260		LOGIC DRAWER ASSY NO. 1		2014036-021				I	NOTE II B																																								
259		OPERATION CONSOLE		2014024-021				II	NOTE II C																																							
258		COMPUTER TEST SET		2014042-021																																											
257		AUXILIARY CALIBRATION CONSOLE		2014059-021				II	NOTE II C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
256		ASC CALIBRATION CONSOLE		2014049-021																																											
255		ASC HANDLING FIXTURE		2014282-021				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
254		DRAWER ASSY COMP. SIMULATOR		2014048-011				II	NOTE II C																																							
253		SHIPPING KIT ASSY, MAIN DSKY		2016312-011						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011																																											
251		SHIPPING KIT ASSY, MAIN DSKY		2016313-011				II	NOTE II C																																							
250		CAPACITOR, REMOTE		2014388				I	NOTE II B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
249		TEMP MONITOR ASSY		2014313-011					NOTE II C	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
248		AGC JUNCTION ASSY		2014134-011					NOTE II B																																							
247		AC INPUT PANEL ASSY		2014302-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
246		SELF TEST ASSY		2014392-011																																											
245	R	TAPE PUNCH ASSEMBLY		2014039-011																																										
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE II B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
243																																														
242																																														
24	R	APOLLO GUIDANCE COMPUTER GROUP		5003001	NA	NAS-9-497	A	I	NOTE II B	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW																																								
240		SELF TEST ASSEMBLY		2014366-011	NA		B			FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
239		POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
238		AC INPUT PANEL ASSY		2014043-011																																											
237		POWER CONTROL ASSY		2014079-011																																											
236		DRAWER ASSY - XY INTERFACE		2014040-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
235		DRAWER ASSY RDC INTERFACE		2014045-011																																										
234		BUFFER CIRCUIT ASSY		2014254-011																																										
233		CONTROL & INTERFACE ASSY		2014264-041																																										
232		POWER CONTROL ASSY		2014264-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011																																										
230		CONNECTOR INTERFACE ASSY		2014272-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
229		CONNECTOR INTERFACE ASSY		2014047-011																																										
228		ANTENNA TUNING CAPACITOR ASSY		2014209-011																																										
227		MOUNTING FIXTURE ASSY		2014006-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
226		POWER SUPPLY ASSY 3 VDC		2014234-011																																										
225		PANEL ASSY - SIGNAL INTERFACE		2014010-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
224		OSCILLOSCOPE ASSY		2014232-011																																										
223		AUXILIARY OUTLET ASSY		2014274-011																																										
222		FREQUENCY COUNTER		2014233-011																																										
221		POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011																																										
220		LOGIC DRAWER ASSY NO. 2		2014037-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
219		LOGIC DRAWER ASSY NO. 1		2014036-011																																										
218		COUNTER, ELECTRICAL ASSY		2014288-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
217		POWER SUPPLY ASSY		2014279-011																																										
216		TEST MOUNT ASSY		2014257-011																																										
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014254-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
214		MAIN DSKY PEDESTAL MOUNT		2014343				I	NOTE II B																																								
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE II C																																								
212		NAV DSKY		1006231						FOR DIMENSIONS, SEE DASH 16 VALUES BELOW																																								
211		AGC		1006230																																										
210		UNIVERSAL DSKY		1006232																																											
209		SHIPPING CONTAINER, AGC		1006621				II	NOTE II C																																							
208		UNIVERSAL DSKY HANDLING FIXTURE		2014053-011				I	NOTE II B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																								
207		NAV DSKY HANDLING FIXTURE		1014377																																										
206		MAIN DSKY HANDLING FIXTURE		1014334						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																								
205		AGC HANDLING FIXTURE		1014282-011				I	NOTE II B																																							
204		OPERATION CONSOLE		2014024-011				II	NOTE II C																																							
203		COMPUTER TEST SET		2014042-011	NAS-9-497																																										
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011	NAS-9					FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																								
201		AUXILIARY CALIBRATION CONSOLE		2014059-011	NAS-9-497																																										
200		AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE II C																																							
21																																														
20		NA		NA	NA	NA	A	II	NOTE II C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19		NA		NA	NA	NA	A	I	NOTE II B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18		NA		NA	NA	NA	B	II	NOTE II C	4.187	.875	3.469	2.750	.156	.093	.156	.125	NA	.125	1.625	1.032	.844	.656	.406	.093	.344	.156	1.781	1.531	2.844	.312	1.625	3.875	.062	NA	1.219	.500	.156	7.193	3.469	.156	NA	.156	7.193	3.469	NA
17		NA		NA	NA	NA	B	I	NOTE II B	4.187	.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	7.193	3.469	.156	NA	.156	7.193	3.469	NA
16		NA		NA	NA	NA	B	II	NOTE II C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	R	NA		NA	NA	NA	B	I	NOTE II B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.03	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION
			LIST OF MATERIALS

RAYTHEON DASH NUMBERS

AS APPLICABLE		
NEXT ASSY	USED ON	
APPLICATION		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS DECIMALS ANGLES ± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL SEE NOTE II

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN R. Lomax 7-1968
CHECKED R. Engstrom
APPROVED
APPROVED W. Wrigley 7/16/68

NAMEPLATES, PANEL APOLLO GEN-GSE (STANDARDS)

APPROVED MIT W. Wrigley 7/16/68
APPROVED MSC [illegible] DATE

CODE IDENT NO. 80750 SIZE E DRAWING NO. 1004260 REV
SCALE NONE SHEET

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

SYM	ZONE	DESCRIPTION	BY	APP'D	DATE
G		REPLACES REV F WITH CHG PER TDRR 20854			
H		REVISED PER TDRR 20892			
J		REVISED PER TDRR 20954			
K		REVISED PER TDRR 21378			
L		REVISED PER TDRR 21416			
M		REVISED PER TDRR 21944			
N		REVISED PER TDRR 22421			
P		REVISED PER TDRR 22671			
R		REVISED PER TDRR 22672			
S		REVISED PER TDRR 22750			
T		REVISED PER TDRR 22823			
U		REVISED PER TDRR 23072			
V		REVISED PER TDRR 23521			
W		REVISED PER TDRR 23624			
Y		REVISED PER TDRR 23878			
Z		REVISED PER TDRR 24040			
(H)	AA	REVISED PER TDRR 24050			
(E)	AB	REVISED PER TDRR 24068			
(H)	AC	REVISED PER TDRR 24978			
(H)	AD	REVISED PER TDRR 25068			
	AE	REVISED PER TDRR 25672			
(J)	AF	REVISED PER TDRR 25671			
	AG	REVISED PER TDRR 26110			
	AH	REVISED PER TDRR 26372			
	AJ	REVISED PER TDRR 26425			
	AK	REVISED PER TDRR 26748			
(L)	AL	REVISED PER TDRR 26798			
	AM	REVISED PER TDRR 27168			
	AN	REVISED PER TDRR 27235			
	AP	REVISED PER TDRR 27345			
	AR	REVISED PER TDRR 27417			
(M)	AS	REVISED PER TDRR 27442			
(N)	AT	REVISED PER TDRR 27719			
(H)	AU	REVISED PER TDRR 27880			
(H)	AV	REVISED PER TDRR 27898			
	AW	28110			
	AY	28173			
	AZ	28131			
	BA	28128			
	BB	REVISED PER TDRR 28511			
(R)	BC	" " " 28949			
(P)	BD	" " " 29022			
(E)	BE	" " " 29235			
(F)	BF	" " " 29322			
	BG	" " " 29429			
	BH	" " " 29449			
	BJ	" " " 29335			
	BK	" " " 29619			
(P)	BL	" " " 29696			
	BM	" " " 29802	JJB	8-6-68	
	BN	REVISION STATUS CHANGED	JJB	8-6-68	
	BP	REV PER TDRR 30168	JJB	8-6-68	
	BR	REVISION STATUS CHANGED	JJB	8-6-68	
	BS	REVISION STATUS CHANGED	GW	8-6-68	
	BT	REVISION STATUS CHANGED	GW	8-6-68	
	BU	REVISION STATUS CHANGED	EB	8-6-68	
	BV	REVISION STATUS CHANGED	JJB	8-6-68	
	BW	REVISED PER TDRR 31279	JJB	8-6-68	
	BY	REVISION STATUS CHANGED	JJB	8-6-68	
	BZ	REVISION STATUS CHANGED	JJB	8-6-68	
	CA	REVISION STATUS CHANGED	JJB	8-6-68	
(B)	CB	REVISION STATUS CHANGED	BEF	8-6-68	
	CC	REVISION STATUS CHANGED	AE	8-6-68	
	CD	REVISED PER TDRR 32645	DR	8-6-68	
	CE	REVISED PER TDRR 33447	GW	8-6-68	
	CF	REVISION STATUS CHANGED	BEF	8-6-68	
	CG	REVISION STATUS CHANGED	AE	8-6-68	
	CH	REVISION STATUS CHANGED	AE	8-6-68	
	CJ	REVISION STATUS CHANGED	JJB	8-6-68	

ITEM NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AF	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
285	R	BUFFER CIRCUIT ASSY		2014254-051	NA	NAS9497	B	I	NOTE IIB	FOR DIMENSIONS SEE DASH 15 VALUES BELOW																																							
284	R	LOGIC DRAWER ASSY NO. 2		2040037-041	NA	NAS9497	B	I	NOTE IIB	FOR DIMENSIONS SEE DASH 17 VALUES BELOW																																							
283	R	DRAWER ASSY PROGRAM & MONITOR		2014041-051	NA	NAS9-497	B	I	NOTE IIB	FOR DIMENSIONS SEE DASH 17 VALUES BELOW																																							
282	R	COMPUTER TEST SET		2014042-061	NA	NAS9-497	B	II	NOTE IIC	FOR DIMENSIONS SEE DASH 18 VALUES BELOW																																							
281	R	AGC HANDLING FIXTURE		2014282-051	NA	NAS9497	B	I	NOTE IIB	FOR DIMENSIONS SEE DASH 17 VALUES BELOW																																							
280	R	COMPUTER TEST SET		2014042-051	N A	NAS9-497	B	II	NOTE IIC	FOR DIMENSIONS SEE DASH 18 VALUES BELOW																																							
279	R	SELF TEST ASSY		2014366-041	N A	NAS9-497	B	I	NOTE IIB	FOR DIMENSIONS SEE DASH 15 VALUES BELOW																																							
278	R	LOGIC DRAWER ASSY NO.1		2014036-041	N A	NAS9-497	B	I	NOTE IIB	FOR DIMENSIONS SEE DASH 17 VALUES BELOW																																							
277	R	COMPUTER TEST SET		2040042-041	N A	NAS-9-497	B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
[illegible]		POWER ASSY, PROGRAM & MONITOR		2014041-041				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
275		DRAWER ASSY RDC INTERFACE		2014045-031																																											
274		SELF TEST ASSY		2014366-031						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
273		LOGIC DRAWER ASSY NO. 2		2014037-031						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
272		DRAWING ASSY PROGRAMMER & MONITOR		2014041-031																																										
271		LOGIC DRAWER ASSY NO. 1		2014036-031				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
270		COMPUTER TEST SET		2014042-031				II	NOTE IIC	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
269		POWER CONTROL ASSY		2014044-021				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
268		SELF TEST A SY		2014366-021																																										
267		ARC [illegible] NOTION ASSY		2014-[illegible]-021																																										
266		POWER CONTROL ASSY		2014-[illegible]-021																																										
265		DRAWER ASSY RDC INTERFACE		2014-254-021						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
264		DRAWER ASSY A [illegible] INTERFACE		2014-040-021																																										
263		DRAWER ASSY RDC INTERFACE		2014045-021																																										
262		DRAWER ASSY PROGRAMMER & MONITOR		2014[illegible]-021																																										
261		LOGIC DRAWER ASSY NO. 2		2014037-021						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
260		LOGIC DRAWER ASSY NO. 1		2014036-021				I	NOTE II B																																							
259		OPERATION CONSOLE		2014024-041				II	NOTE II C																																						
258		COMPUTER TEST SET		2014042-021																																										
257		AUXILIARY CALIBRATION CONSOLE		2014059-021				I	NOTE II C	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
256		AGC CALIBRATION CONSOLE		2014049-021				II																																						
255		AGC HANDLING FIXTURE		2014282-021				I	NOTE II B	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
254		DRAWER ASSY COMP. SIMULATOR		2014048-011				II	NOTE II C																																						
253		SHIPPING KIT ASSY, [illegible] DSKY		20163[illegible]-011						FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
252		SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011																																										
251		SHIPPING KIT ASSY, MAIN DSKY		2016313-011				II	NOTE II C																																						
250		AMPLIFIER, REWORK		2014386				I	NOTE II B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
249		TEMP MONITOR ASSY		2014313-011				I	NOTE II C	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
248		AGC JUNCTION ASSY		2014346-011					NOTE II B																																							
247		AC INPUT PANEL ASSY		2014302-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
246		SELF TEST ASSY		2014392-011																																										
245	I	TAPE PUNCH ASSEMBLY		2014039-011																																										
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE II B	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
243																																													
242																																													
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE II B	FOR DIMENSIONS, SEE DASH 19 VALUES BELOW																																							
240		SELF TEST ASSEMBLY		2014366-041	NA		B			FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
239		POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-021						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
238		AC INPUT PANEL ASSY		2014743-021																																										
237		POWER CONTROL ASSY		2040079-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
236		DRAWER ASSY-KY INTERFACE		2014040-011																																										
235		DRAWER ASSY RDC INTERFACE		2014045-011																																									
234		BUFFER CIRCUIT ASSY		2014254-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
233		CONTROL INTERFACE ASSY		2014204-041																																									
232		POWER CONTROL ASSY		2014044-011																																										
231		DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
230		CONNECTOR INTERFACE ASSY		2014272-011																																									
229		CONNECTOR INTERFACE ASSY		2014273-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
228		ANTENNA TUNING CAPACITOR ASSY		2014209-011																																									
227		MOUNTING FIXTURE ASSY		2014006-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
226		POWER SUPPLY ASSY 3 VDC		2014234-011																																									
225		PANEL ASSY-SIGNAL INTERFACE		2014040-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
224		OSCILLOSCOPE ASSY		2014232-011																																									
223		AUXILIARY OUTLET ASSY		2014274-011																																									
222		FREQUENCY COUNTER		2014233-011																																									
221		POWER SUPPLY ASSY 10,13, 28 VDC		2014235-011																																									
220		LOGIC DRAWER ASSY NO. 2		2014037-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
219		LOGIC DRAWER ASSY NO. 1		2014036-011																																									
218		COUNTER, ELECTRICAL ASSY		2014288-011						FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
217		POWER SUPPLY ASSY		2014279-011																																									
216		TEST MOUNT ASSY		2014257-011						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
215		UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011																																									
214		MAIN DSKY PEDESTAL MOUNT		2014343				I	NOTE IIB	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
213		SHIPPING CONTAINER, MAIN DSKY		1006229				II	NOTE IIC	FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
212		NAV DSKY		1006231																																										
211		AGC		1006230																																										
210		UNIVERSAL DSKY		1006-22																																										
209		SHIPPING CONTAINER, AGC		1006421				II	NOTE IIC	FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
208		UNIVERSAL DSKY HANDLING FIXTURE		2014C 3-011				I	NOTE IIB	FOR DIMENSIONS, SEE DASH 15 VALUES BELOW																																							
207		NAV DSKY HANDLING FIXTURE		1014377																																										
206		MAIN DSKY HANDLING FIXTURE		1014334						FOR DIMENSIONS, SEE DASH 17 VALUES BELOW																																							
205		AGC HANDLING FIXTURE		2014282-011				I	NOTE IIB																																							
204		OPERATION CONSOLE		2014024-011				II	NOTE IIC																																						
203		COMPUTER TEST SET		2014042-011		NAS-9-497				FOR DIMENSIONS, SEE DASH 18 VALUES BELOW																																							
202		DRAWER ASSY, COMPUTER SIMULATOR		2014048-011		ENGINEERING																																									
201		AUXILIARY CALIBRATION CONSOLE		2014059-011																																									
200		AGC CALIBRATION CONSOLE		2014049-011	NA		B	II	NOTE IIC																																						
21																																													
20		NA		NA	NA	NA	A	II	NOTE II C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
19		NA		NA	NA	NA	A	I	NOTE II B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18		NA		NA	NA	NA	B	II	NOTE II C	4.187	.875	3.469	2.750	.156	.093	.156	.125	.093	.125	1.625	1.032	.844	.656	.406	.093	.344	.156	1.78	1.531	2.844	.312	1.532	3.875	.000	NA	1.218	.500	.156	7.195	3.469	.156	NA	.156	7.9	.344	3.875
17		NA		NA	NA	NA	B	I	NOTE II B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	.406	.093	.344	.156	1.78	1.531	2.844	.312	NA	NA	.062	.062	.219	.500	.156	.719	3.469	.156	NA	.156	7.9	.344	NA
16		NA		NA	NA	NA	B	II	NOTE II C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
15	R	NA		NA	NA	NA	B	I	NOTE II B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7-1-65	
H		REVISED PER TDRR 20892			7-15-65	
J		REVISED PER TDRR 20904			7-19-65	
K		REVISED PER TDRR 21379			8-19-65	
L		REVISED PER TDRR 21410			8-24-65	
M		REVISED PER TDRR 21993			8-31-65	
N		REVISED PER TDRR 22621			9-29-65	
P		REVISED PER TDRR 22671			10-1-65	
R		REVISED PER TDRR 22672			10-1-65	
S		REVISED PER TDRR 22750			10-7-65	
T		REVISED PER TDRR 22823			10-13-65	
U		REVISED PER TDRR 23072			10-28-65	
V		REVISED PER TDRR 23521			12-6-65	
W		REVISED PER TDRR 23824	RAJ		11-9-65	
Y		REVISED PER TDRR 24018	RAJ		11-16-65	
Z		REVISED PER TDRR 24040	RAJ		11-19-65	
AA		REVISED PER TDRR 24060	RAJ		11-19-65	
AB		REVISED PER TDRR 24868	RAJ		12-22-65	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-10-66	
AE		REVISED PER TDRR 25572	RAJ		2-1-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-17-66	
AH		REVISED PER TDRR 26372	"		3-1-66	
AJ		REVISED PER TDRR 26425	"		3-10-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27145	"		3-30-66	
AN		REVISED PER TDRR 27419	"		4-8-66	
AP		REVISED PER TDRR 27469	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27[illegible]	"		4-[illegible]-66	
AU		REVISED PER TDRR 27840	"		4-[illegible]-66	
AV		REVISED PER TDRR 27936	"		4-29-66	
AW		28.10	"		5-6-66	
AY		28.73	"		5-16-66	
AZ		28.31	"		5-16-66	
BA		28.24	"		5-16-66	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-26-66	
BD		" " " 29022	"		6-8-66	
BE		" " " 29135	"		"	
BF		" " " 29132	"		10-28-66	
BG		" " " 29429	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		"	
BL		" " " 29636	"		"	
BM		" " " 29802	JSD	NC	7-29-66	
BN		REVISION STATUS CHANGED	JE	RW	8-26-66	
BP		REVISED PER TDRR 30168	JE	RW	9-26-66	
BR		REVISION STATUS CHANGED	JE	RW	9-26-66	
BS		REVISION STATUS CHANGED	GW	RW	10-26-66	
BT		REVISION STATUS CHANGED	GW	RW	10-26-66	
BU		REVISION STATUS CHANGED	LT	JE	11-28-66	
BV		REVISION STATUS CHANGED	JJB	RW	11-28-66	
BW		REVISED PER TDRR 31279	JJB	RW	12-28-66	
BY		REVISION STATUS CHANGED	JJB	RW	12-30-66	
BZ		REVISION STATUS CHANGED	JJB	RW	1-30-67	
CA		REVISION STATUS CHANGED	JJB	RW	2-20-67	
CB		REVISION STATUS CHANGED	REF	RW	2-28-67	
CC		REVISION STATUS CHANGED	AF	RW	3-24-67	
CD		REVISED PER TDRR 32440	DR	RW	4-12-67	
CE		REVISED PER TDRR 33447	tmm	RW	6-29-67	
CF		REVISION STATUS CHANGED	SWG	RW	8-14-67	
CG		REVISION STATUS CHANGED	AR	RW	10-16-67	
CH		REVISION STATUS CHANGED	AH	RW	11-14-67	
CJ		REVISION STATUS CHANGED	AH	RW	12-20-67	
CK		REVISED PER TDRR 34928	DG	RW	1-29-68	

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

RAYTHEON DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

APPLICATION
NEXT ASSY
USED ON

MIT INSTRUMENTATION LAB
CAMBRIDGE MASS

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN R. W. Jones 7-1966
CHECKED
APPROVED
APPROVED

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

APPROVED MIT
APPROVED MSC
DATE
SCALE NONE
CODE IDENT NO 80230
SIZE E
DRAWING NO. 1004260
SHEET 1 OF 2

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
196	AC	EYEPIECE STOWAGE UNIT		2021255-011																																										
195	AC	G S&A CONDITIONER ASSY C/M		2007234		NAS-9-497				A	I																																				
194	AC	G SDA CONDITIONER ASSY C/M		2007235																																										
193	AC	G S&A CONDITIONER ASSY LEM		6007010																																									
192	AC	PSA & SIGNAL CONDITIONER ASSY		6007009		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																					
191	AC																																													
190	AC																																													
189	AC																																													
188	AC																																													
187	AC																																													
186	AC	ANN PNL & EYEPIECE STOW. ASSY		1021255-021			A	I																																						
185	AC	ANN PNL & EYEPIECE STOW. ASSY		1021255-011			A	I		FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																					
184	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																					
183	AC	INSTALLING TOOL, EL-EC, CONN		1902586-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 102 VALUES BELOW																																					
182	AC	ADPT MODULE, P.S.A.		6900088-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																					
181	AC	G&N INDICATOR CONTROL PANEL ASSY		2014578-011			A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	.125	.906	.688	1.500	NA	.281	.125	.NA	1.094	2.062	.312	NA	2.500	.062	.125	1.312	.469	NA	NA	NA	.156	NA	.125	.469	.344	NA
180	AC	ADPT MODULE, P.S.A.		1902431-031			B	II		FOR DIMENSIONS, SEE DASH 121 VALUES BELOW																																					
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011																																										
178	AC	MOUNTING PLATE, COMPONENT		6900007-021						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																					
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021																																									
176	AC	FIX., MOUNTING, G AND N		2900067-021																																									
175	AC	CSL, COOL AND PWR, G AND N		1902134-031																																									
174	AC	FIX., HAND., C/M AND LEM CDU		2900998-011					NOTE 11C																																					
173	AC	FIX., HANDLING, C/M PSA		2900998-011																																									
172	AC	CAGING ELECTRONICS, GYRO		2900029-021																																									
171	AC	DISTRIBUTION BOX, GSE		2900024-021																																									
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021																																									
169	AC	ADPT, TEST POINT, P.S.A.		2900037-021																																									
168	AC	TEST SELECTOR		2900028-021																																									
167	AC	TEST CONTROL		2900027-021																																									
166	AC	PANEL, MONITOR		2900031-021																																									
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011																																									
164	AC	INPUT/OUTPUT PANEL		2900926-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																					
163	AC	CONTROL PANEL		2900896-011																																									
162	AC	CSL, CAL AND TEST, SCM/PSA&M		2900895-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																					
161	AC	FIX., LIFT AND HAND., MU		1015462-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																					
160	AC	FIX., HAND., G AND N HARNESS		1901846-031						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																					
159	AC	BATTERY POWER PACK		PA00011-031			B	II	NOTE 11F																																					
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222			A	I	NOTE 11B																																					
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222						FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																					
156	AC	POWER & SERVO ASSEMBLY C/M		2007200																																									
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201																																									
154	AC	PULSE TORQUE ASSEMBLY - LEM		6007000																																									
153	AC	POWER & SERVO ASSEMBLY - LEM		6007200			A	I	NOTE 11B																																					
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																					
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																					
150	AC	JUNCTION BOX, P.S.A./GSE.		1901933-021						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																					
149	AC	BATTERY PACK, LIFTING		2900612-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																					
148	AC	MOUNTING PLATE, COMPONENT		6900007-011																																									
147	AC	MOUNTING PLATE, COMPONENT		2900677-011																																									
146	AC	CART, TRANS, G AND N		1900605-041																																									
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS-9-497	B	II	NOTE 11C																																					
144	AC	FIX., MOUNTING, G AND N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.188 .156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
143	AC	CSL, COOL AND PWR, G AND N		1902134-021						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
141	AC	CONT, TEMP, PORTABLE		2900360-011						2.125	.968	1.718		.093	.031	.06	.093			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011																																									
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021																																									
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011																																									
136	AC	FIXTURE, OPT CS/NAV BASE		2900072-011																																									
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																									
134	AC	FIX., HAND., G AND N HARNESS		2900069-011																																									
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011																																									
132	AC	FIX., MOUNTING, G AND N		2900067-011																																									
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																									
130	AC	TESTER, GYRO WHEEL		2900061-011																																									
129	AC	COOLANT SUPPLY		1902133-021																																									
128	AC	TABLE, ROTARY		1900926-021						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
127	AC	FIX., HAND., OPTICS		2900074-011						2.125	.968	1.718		.093	.031	.06	.093			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
126	AC	FIXTURE, MTG, PTA/PEA.		2900066-011																																									
125	AC	CONT, TEMP, IMU LIFTING		2900063-011																																									
124	AC	FIXTURE, HANDLING, IMU		2900064-011																																									
123	AC	CONT, OPTICS, REMOTE		1902046-021																																									
122	AC	TEST CONTROL		1902009-021																																										
121	AC	ADPT MODULE, P.S.A.		1902431-021																																									
120	AC	BRIDGE, DECADE ERROR		2900128-011																																									
119	AC	PWR SUP, ELECTRONICS		2900012-011																																									
118	AC	PWR SUP, RELAY AND LAMP		1900049-031																																									
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021																																									
116	AC	ADPT MODULE, P.S.A.		1902431-011																																									
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011																																									
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																									
113	AC	CONTROL, GIMBAL POSITION		2900036-011																																									
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																									
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																									
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																									
109	AC	PANEL, MONITOR		2900031-011																																									
108	AC	PANEL, AUXILIARY INPUT		2900030-011																																									
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																									
106	AC	TEST SELECTOR		2900028-011																																									
105	AC	TEST CONTROL		2900027-011																																										
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																									
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																									
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.188 .156		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
101	AC	NAVIGATION BASE ASSEMBLY - LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA		NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA		NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

NOTE: AC DASH NO'S. CONT. ON SH. 6

MASTER

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			7/14/65	WK
H		REVISED PER TDRR 20892			6/24/65	WK
J		REVISED PER TDRR 20904			6/29/65	WK
K		REVISED PER TDRR 21373			8/16/65	WK
L		REVISED PER TDRR 21410			8/26/65	WK
M		REVISED PER TDRR 21993			10/7/65	WK
N		REVISED PER TDRR 22621			10/7	
P		REVISED PER TDRR 22671			10/7	
R		REVISED PER TDRR 22672			10/7	
S		REVISED PER TDRR 22750			10/7	
T		REVISED PER TDRR 22823			10/7	WK
U		REVISED PER TDRR 23072			11-1-65	WK
V		REVISED PER TDRR 23527			11-26-65	WK
W		REVISED PER TDRR 23824	RAJ		12-9-65	WK
Y		REVISED PER TDRR 24018	RAJ		11-16-65	WK
Z		REVISED PER TDRR 24040	RAJ		11-19-65	WK
AA		REVISED PER TDRR 24060	RAJ		11-19-65	WK
AB		REVISED PER TDRR 24868	RAJ		12-22-65	WK
AC		REVISED PER TDRR 24973	RAJ		12-9-65	WK
AD		REVISED PER TDRR 25065	RAJ		1-24-66	WK
AE		REVISED PER TDRR 25672	RAJ		2-4-66	WK
AF		REVISED PER TDRR 25671	RAJ		2-4-66	WK
AG		REVISED PER TDRR 26110	RAJ		2-15-66	WK
AH		REVISED PER TDRR 26372	"		3-9-66	WK
AJ		REVISED PER TDRR 26425	"		3-16-66	WK
AK		REVISED PER TDRR 26743	"		3-16-66	WK
AL		REVISED PER TDRR 26798	"		3-16-66	WK
AM		REVISED PER TDRR 27168	"		4-8-66	WK
AN		REVISED PER TDRR 27235	"		4-8-66	WK
AP		REVISED PER TDRR 27345	"		4-8-66	WK
AR		REVISED PER TDRR 27417	"		4-8-66	WK
AS		REVISED PER TDRR 27442	"		4-8-66	WK

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

A C ELECTRONICS DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN R. G. Forsyth 7-16-65
CHECKED D. J. Lange 7-22-65
APPROVED
APPROVED W. Kaplan 7-26-65
APPROVED MIT W. Kaplan 7-26-65
APPROVED MSC [illegible] 7-26-65

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | DATE | SHEET 4 OF 6

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS DECIMALS ANGLES
± —— ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL SEE NOTE 11

AS APPLICABLE
NEXT ASSY USED ON
APPLICATION

NOTICE: WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS, OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

REVISIONS						
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			7/16/	WK

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
144	AC	FIX., MOUNTING, G AND N		1902204-021			B	II	NOTE 11 C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
143	AC	CSL, COOL AND PWR, G AND N		1902134-021						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.68	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	09.3			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
141	AC	CONT. TEMP, PORTABLE		2900090-011						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011						4.125	.872	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011																																											
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021																																											
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011																																										
136	AC	FIX., OPTICS/NAV BASE		2900072-011																																										
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																										
134	AC	FIX., HAND., G AND N HARNESS		2900069-011																																										
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011																																										
132	AC	FIX., MOUNTING, G AND N		2900067-011																																										
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																										
130	AC	TESTOR, GYRO WHEEL		2900061-011																																										
129	AC	COOLANT SUPPLY		1902133-021																																										
128	AC	TABLE, ROTARY		1900926-021						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
127	AC	FIX., HAND., OPTICS		2900074-011						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
126	AC	FIX., MTG, PTA / PEA		2900066-011																																										
125	AC	CONT, TEMP, IMU LIFTING		2900063-011																																										
124	AC	FIX., HANDLING, IMU		2900064-011																																										
123	AC	CONT., OPTICS, REMOTE		1902046-021																																										
122	AC	TEST CONTROL		1902009-021																																										
121	AC	ADPT MODULE, P.S.A.		1902431-021																																										
120	AC	BRIDGE, DECADE ERROR		2900128-011																																										
119	AC	PWR SUP, ELECTRONICS		2900012-011																																										
118	AC	PWR SUP, RELAY AND LAMP		1900049-031																																										
117	AC	CONSOLE OSCILLOGRAPH		1900000-021																																										
116	AC	ADPT, MODULE, P.S.A.		1902431-011																																										
115	AC	ADPT, TEST POINT, PTA/PEA		2900145-011																																										
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																										
113	AC	CONTROL, GIMBAL, POSITION		2900036-011																																										
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																										
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																										
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																										
109	AC	PANEL, MONITOR		2900031-011																																										
108	AC	PANEL, AUXILIARY INPUT		2900030-011																																										
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																										
106	AC	TEST SELECTOR		2900028-011																																										
105	AC	TEST CONTROL		2900027-011																																										
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																										
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																										
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11 C	2.125	.968	1.718	NA	.093	.031	.06	.093	.104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
101	AC	NAVIGATION BASE ASSEMBLY - LEM		2899950		NAS-9-497	A	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.049	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

THIS SHEET ADDED
G REPLACES REV F WITH CHANGE

AC SPARK PLUG DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN R.O. Jones 7-1666
CHECKED R.J. Lange 7-22-66
APPROVED
APPROVED W. Kupfer 7/26/66
APPROVED MIT W. Kupfer 7/26/66
APPROVED MSC 7/26/66

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230
SIZE E
DRAWING NO. 1004260
SCALE NONE
SHEET 4 OF 5

1004260 G

NOTICE - WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS, OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

199	AC
198	AC

REVISIONS 22768

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			7/27/65	WM
H		REVISED PER TDRR 20692			8/3/65	WM
J		REVISED PER TDRR 20904			8/23/65	WM

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
144	AC	FIX., MOUNTING, G AND N		1902204-021			B	II	NOTE 11 C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.188 .094	.125	.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
143	AC	CSL, COOL AND PWR, G AND N		1902134-021						4.125	1.812	3.250		.125	.062	.12	.156		.125	.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011						4.25	1.812	3.250		.125	.062	.12	.156		.125	.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
141	AC	CONT, TEMP, PORTABLE		2900060-011						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011						4.125	1.812	3.250		.125	.062	.12	.156		.125	.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011																																										
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021																																									
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900033-011																																									
136	AC	FIX., OPTICS/NAV BASE		2900072-011																																									
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																									
134	AC	FIX., HAND., G AND N HARNESS		2900069-011																																									
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011																																									
132	AC	FIX., MOUNTING, G AND N		2900067-011																																									
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																									
130	AC	TESTOR, GYRO WHEEL		2900061-011																																									
129	AC	COOLANT SUPPLY		1902133-021																																									
128	AC	TABLE, ROTARY		1902826-021						4.25	1.812	3.250		.125	.062	.12	.156																														
127	AC	FIX., HAND., OPTICS		2900074-011						2.125	.968	1.718		.093	.031	.06	.093		.125	.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
126	AC	FIX., MTG, PTA/PEA		2900066-011															.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
125	AC	CONT, TEMP, IMU LIFTING	•	2900063-011																																									
124	AC	FIX., HANDLING, IMU		2900064-011																																									
123	AC	CONT, OPTICS, REMOTE		1902046-021																																									
122	AC	TEST CONTROL		1902009-021																																									
121	AC	ADPT MODULE, P.S.A.		1902431-021																																									
120	AC	BRIDGE, DECADE ERROR		2900128-011																																									
119	AC	PWR SUP, ELECTRONICS		2900012-011																																									
118	AC	PWR SUP, RELAY AND LAMP		1900049-031																																									
117	AC	CONSOLE OSCILLOGRAPH		1900000-021																																									
116	AC	ADPT, MODULE, P.S.A.		1902431-011																																									
115	AC	ADPT, TEST POINT, PTA/PEA		2900145-011																																									
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																									
113	AC	CONTROL, GIMBAL, POSITION		2900036-011																																									
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																									
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																									
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																									
109	AC	PANEL, MONITOR		2900031-011																																									
108	AC	PANEL, AUXILIARY INPUT		2900030-011																																									
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																									
106	AC	TEST SELECTOR		2900028-011																																									
105	AC	TEST CONTROL		2900027-011																																									
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																									
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																									
102	AC	VOLTMETER, DIGITAL		2900007-011																																									
101	AC	NAVIGATION BASE ASSEMBLY - LEM		6899950		NAS-9-497	B	II	NOTE 11 C	2.125	.968	1.718	NA	.093	.031	.06	.093	.188 .094	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
							A	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

A.C SPARK PLUG DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± DECIMALS ±.005 ANGLES ±
DO NOT SCALE THIS DRAWING

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN K. G. Jones 7/6/65
CHECKED D. S. Cooper 7-22-65
APPROVED
APPROVED MIT W. Widnall 7/27/65
APPROVED MSC [illegible] 7/27/65

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230
SIZE E
DRAWING NO. 1004260
SCALE NONE
SHEET 4 OF 5

1004260 J

NOTICE - THIS DOCUMENT DRAWING, SPECIFICATION, OR OTHER DATA NOT USED FOR 1ST PURCHASE STYLE ITEM IN CONNECTION WITH A DEFINITELY SCHEDULED GOVERNMENT PROGRAM MEANS THAT MIT/IL ASSUMES NO LIABILITY FOR ANY GOVERNMENT USE OR DISCLOSURE OF SUCH DOCUMENT, AND THE FACT THAT THE DOCUMENT MAY HAVE BEEN FURNISHED TO THE GOVERNMENT BY MIT/IL PURSUANT TO ANY CONTRACT OR OTHER BASIS IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS A GRANT OF ANY RIGHT OR LICENSE UNDER ANY PATENT OR PATENT APPLICATION WITH RESPECT TO ANY INVENTION DISCLOSED IN THE DOCUMENT. NOR DOES THE GOVERNMENT RECEIVE ANY RIGHT TO REPRODUCE OR OTHERWISE USE ANY PATENTED INVENTION THAT MAY BE DISCLOSED IN THE DOCUMENT.

SYM	ZONE	REVISIONS DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			7/3/65	WK
H		REVISED PER TDRR 20892			8/2/65	WK
J		REVISED PER TDRR 20904			8/31/65	WK
K		REVISED PER TDRR 21379			5/16/66	WK

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
144	AC	FIX., MOUNTING, G AND N		1902204-021			B	II	NOTE 11 C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.188 .156	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
143	AC	GSL, COOL AND PWR, G AND N		1902134-021						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
141	AC	CONT, TEMP, PORTABLE		2900060-011						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011																																											
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021																																											
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011																																										
136	AC	FIX., OPTICS/NAV BASE		2900072-011																																										
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																										
134	AC	FIX., HAND., G AND N HARNESS		2900069-011																																										
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011																																										
132	AC	FIX., MOUNTING, G AND N		2900067-011																																										
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																										
130	AC	TESTOR, GYRO WHEEL		2900061-011																																										
129	AC	COOLANT SUPPLY		1902133-021																																											
128	AC	TABLE, ROTARY		1902826-021						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
127	AC	FIX., HAND., OPTICS		2900074-011						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
126	AC	FIX., MTG, PTA / PEA		2900066-011																																										
125	AC	CONT, TEMP, IMU LIFTING		2900063-011																																										
124	AC	FIX., HANDLING, IMU		2900064-011																																										
123	AC	CONT, OPTICS, REMOTE		1902046-021																																										
122	AC	TEST CONTROL		1902009-021																																										
121	AC	ADPT MODULE, P.S.A.		1902431-021																																										
120	AC	BRIDGE, DECADE ERROR		2900128-011																																										
119	AC	PWR SUP, ELECTRONICS		2900012-011																																										
118	AC	PWR SUP, RELAY AND LAMP		1900049-031																																										
117	AC	CONSOLE OSCILLOGRAPH		1900000-021																																										
116	AC	ADPT, MODULE, P.S.A.		1902431-011																																										
115	AC	ADPT, TEST POINT, PTA/PEA		2900145-011																																										
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																										
113	AC	CONTROL, GIMBAL, POSITION		2900036-011																																										
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																										
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																										
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																										
109	AC	PANEL, MONITOR		2900031-011																																										
108	AC	PANEL, AUXILIARY INPUT		2900030-011																																										
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																										
106	AC	TEST SELECTOR		2900028-011																																										
105	AC	TEST CONTROL		2900027-011																																										
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																										
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																										
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11 C	2.125	.968	1.718	NA	.093	.031	.06	.093	.188 .156	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	.938
101	AC	NAVIGATION BASE ASSEMBLY - LEM		6899950		NAS-9-497	A	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

A C SPARK PLUG DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

AS APPLICABLE | NEXT ASSY | USED ON | APPLICATION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

		DATE
DRAWN	A. C. Jones	7/16/65
CHECKED	D. J. Lange	7-22-65
APPROVED		
APPROVED	W. K. Kaplan	8/1/65
APPROVED MIT	W. K. Kaplan	8/1/65
APPROVED MSC		

NAMEPLATES,
APOLLO G&N-GSE
(STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260 | SHEET 4 OF 5

SCALE NONE | DATE

1004260 K

199	AC
198	AC

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			12/6/65	W.K.
H		REVISED PER TDRR 20892			6/26/66	W.K.
J		REVISED PER TDRR 20904			8/24/66	W.K.
K		REVISED PER TDRR 21379			3/16/67	W.K.
L		REVISED PER TDRR 21410			5/15/67	W.K.

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
144	AC	FIX., MOUNTING, G AND N		1902204-021			B	II	NOTE II C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.09 .04	.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
143	AC	CSL, COOL. AND PWR, G AND N		1902134-021						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
141	AC	CONT, TEMP, PORTABLE		2900060-011						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011																																										
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021																																									
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011																																									
136	AC	FIX., OPTICS/NAV BASE		2900072-011																																									
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																									
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133	AC	CNTR, SHIPPING, NAV BASE		2900068-011																																									
132	AC	FIX., MOUNTING, G AND N		2900067-011																																									
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																									
130	AC	TESTOR, GYRO WHEEL		2900061-011																																									
129	AC	COOLANT SUPPLY		1902133-021																																									
128	AC	TABLE, ROTARY		1900928-021						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
127	AC	FIX., HAND., OPTICS		2900074-011						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
126	AC	FIX., MTG, PTA / PEA		2900066-011																																									
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124	AC	FIX., HANDLING, IMU		2900064-011																																									
123	AC	CONT, OPTICS, REMOTE		1902046-021																																									
122	AC	TEST CONTROL		1902009-021																																									
121	AC	ADPT MODULE, P.S.A.		1902431-021																																									
120	AC	BRIDGE, DECADE ERROR		2900128-011																																									
119	AC	PWR SUP, ELECTRONICS		2900012-011																																									
118	AC	PWR SUP, RELAY AND LAMP		1900049-031																																									
117	AC	CONSOLE OSCILLOGRAPH		1900000-021																																									
116	AC	ADPT, MODULE, P.S.A.		1902431-011																																									
115	AC	ADPT, TEST POINT, PTA/PEA		2900145-011																																									
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																									
113	AC	CONTROL, GIMBAL, POSITION		2900036-011																																									
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																									
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																									
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																									
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108	AC	PANEL, AUXILIARY INPUT		2900030-011																																									
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																									
106	AC	TEST SELECTOR		2900028-011																																									
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104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																									
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																									
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE II C	2.125	.968	1.718	NA	.093	.031	.06	.093	.06 .04	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
101	AC	NAVIGATION BASE ASSEMBLY - LEM		6899950		NAS-9-497	A	I	NOTE II B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-457	A	I	NOTE II B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

THIS SHEET ADDED
© REPLACES REV F WITH CHANGE

A C ELECTRONICS DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	R. D. Scruggs	7/66
CHECKED	D. J. Lang	7-22-66
APPROVED		
APPROVED	W. Kaplan	7/29/66
APPROVED MIT	W. Kaplan	8/1/66
APPROVED MSC	Ted Link	8/4/66

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260 | SHEET 4 OF 5 | SCALE NONE | DATE

1004260 L

SYM	ZONE	DESCRIPTION	BR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			2/26/68	WK
H		REVISED PER TDRR 20892			3/6/68	WK
J		REVISED PER TDRR 20904			3/8/68	WK
K		REVISED PER TDRR 21379			5/21/68	WK
L		REVISED PER TDRR 21410			5/29/68	WK
M		REVISED PER TDRR 21993			7/17/68	
N		REVISED PER TDRR 22621			11/1/68	
P		REVISED PER TDRR 22671			11/11/68	
R		REVISED PER TDRR 22672			11/11/68	
S		REVISED PER TDRR 22750			1/6/69	WK
T		REVISED PER TDRR 22823			1/15/69	WK

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
99	AC																																														
198	AC																																														
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222-011			A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																							
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222-021																																												
156	AC	POWER & SERVO ASSEMBLY C/M		2007200-011																																											
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201-011																																											
154	AC	PULSE TORQUE ASSEMBLY - LEM		6007000-011																																											
153	AC	POWER & SERVO ASSEMBLY - LEM		6007200-011			A	I	NOTE IIB																																							
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011	NAS-9-497		B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011																																											
150	AC	JUNCTION BOX, P.S.A./GSE.		1901933-021						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
149	AC	BATTERY PACK, LIFTING		2900603-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
148	AC	MOUNTING PLATE, COMPONENT		6900007-011																																											
147	AC	MOUNTING PLATE, COMPONENT		2900677-011			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
145	AC	CONTAINER, SHIPPING, IMU		1900010-021	NAS-9-497		B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
144	AC	FIX., MOUNTING, G AND N		1902204-021			B	II	NOTE IIC	4.125	1.812	3.250	NA	.125	.062	.12	.156	.188 .094	.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.563	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
143	AC	CSL, COOL AND PWR, G AND N		1902134-021						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.563	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.563	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
141	AC	CONT, TEMP, PORTABLE		2900060-011						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.563	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011																																											
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021																																											
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011																																											
136	AC	FIX., OPTICS/NAV BASE		2900072-011																																											
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																											
134	AC	FIX., HAND., G AND N HARNESS		2900069-011																																											
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011																																											
132	AC	FIX., MOUNTING, G AND N		2900067-011																																											
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																											
130	AC	TESTOR, GYRO WHEEL		2900061-011																																											
129	AC	COOLANT SUPPLY		1902133-021																																											
128	AC	TABLE, ROTARY		1900825-021						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.563	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
127	AC	FIX., HAND., OPTICS		2900074-011						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
126	AC	FIX., MTG, PTA/PEA		2900066-011																																											
125	AC	CONT, TEMP, IMU LIFTING		2900063-011																																											
124	AC	FIX., HANDLING, IMU		2900064-011																																											
123	AC	CONT, OPTICS, REMOTE		1902046-021																																										
122	AC	TEST CONTROL		1902009-021																																											
121	AC	ADPT MODULE, P.S.A.		1902431-021																																										
120	AC	BRIDGE, DECADE ERROR		2900128-011																																										
119	AC	PWR SUP, ELECTRONICS		2900012-011																																										
118	AC	PWR SUP, RELAY AND LAMP		1900049-031																																										
117	AC	CONSOLE OSCILLOGRAPH		1900000-021																																										
116	AC	ADPT, MODULE, P.S.A.		1902431-011																																										
115	AC	ADPT, TEST POINT, PTA/PEA		2900145-011																																										
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																										
113	AC	CONTROL, GIMBAL, POSITION		2900036-011																																										
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																										
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																										
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																										
109	AC	PANEL, MONITOR		2900031-011																																										
108	AC	PANEL, AUXILARY INPUT		2900030-011																																										
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																										
106	AC	TEST SELECTOR		2900028-011																																										
105	AC	TEST CONTROL		2900027-011																																											
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																										
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																										
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE II C	2.125	.968	1.718	NA	.093	.031	.06	.093	.188 .094	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.675	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
101	AC	NAVIGATION BASE ASSEMBLY - LEM		6899950		NAS-9-497	A	I	NOTE II B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE II B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

THIS SHEET ADDED

⑥ REPLACES REV F WITH CHANGE

A C ELECTRONICS DASH NUMBERS

NOTES FOR TABLE

STYLE A IS FOR GEN SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS ±, DECIMALS ±.005, ANGLES ±—
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 11

AS APPLICABLE | NEXT ASSY | USED ON | APPLICATION

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN R.C. Lange 7-16-65
CHECKED D.G. Hoag 7-22-65
APPROVED
APPROVED W.R. Hopkins 11-1-68
APPROVED MIT W.R. Hopkins 11-7-68
APPROVED MSC [illegible] 11-6-68
DATE

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260 | SHEET 4 OF 5
SCALE NONE

REVISIONS					
SYM	ZONE	DESCRIPTION	BY	CHK	DATE / APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			9/26/67 WH
H		REVISED PER TDRR 20892			10/6/67 WH
J		REVISED PER TDRR 20904			10/9/67 WH
K		REVISED PER TDRR 21379			12/11/67 WH
L		REVISED PER TDRR 21410			12/18/67 WH
M		REVISED PER TDRR 21993			1/19
N		REVISED PER TDRR 22621			4/
P		REVISED PER TDRR 22671			4/
R		REVISED PER TDRR 22672			4/
S		REVISED PER TDRR 22750			4/
T		REVISED PER TDRR 22823			4/5 WH
U		REVISED PER TDRR 23072			11-21-68 WH
V		REVISED PER TDRR 24521			10-25-68 WH

01767

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
99	AC																																														
198	AC																																														
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222-011			A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																							
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222-021			A	I	NOTE 11B																																							
156	AC	POWER & SERVO ASSEMBLY C/M		2007200-011	NAS-9-497		B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
154	AC	PULSE TORQUE ASSEMBLY - LEM		6007000-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
153	AC	POWER & SERVO ASSEMBLY - LEM		6007200-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011			B	II	NOTE 11C																																							
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
150	AC	JUNCTION BOX, P.S.A./GSE.		1901933-021						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
149	AC	BATTERY PACK, LIFTING		2900603-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
148	AC	MOUNTING PLATE, COMPONENT		6900007-011																																											
147	AC	MOUNTING PLATE, COMPONENT		2900677-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
145	AC	CONTAINER, SHIPPING, IMU		1900010-021	NAS-9-497		B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.188 .184	.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
144	AC	FIX., MOUNTING, G AND N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
143	AC	CSL, COOL AND PWR, G AND N		1902134-021						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
141	AC	CONT, TEMP, PORTABLE		2900062-011						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011																																											
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021																																											
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011																																										
136	AC	FIX., OPTICS/NAV BASE		2900075-011																																										
135	AC	FIX., MOUNTING, SUB SYSTEM		2900069-011																																										
134	AC	FIX., HAND., G AND N HARNESS		2900068-011																																										
133	AC	CNTR, SHIPPING, NAV BASE		2900067-011																																										
132	AC	FIX., MOUNTING, G AND N		2900062-011																																										
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900061-011																																										
130	AC	TESTOR, GYRO WHEEL		1902133-021																																										
129	AC	COOLANT SUPPLY		1902026-021						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
128	AC	TABLE, ROTARY		2900074-011						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
127	AC	FIX., HAND., OPTICS		2900066-011																																										
126	AC	FIX., MTG., PTA / PEA		2900063-011																																										
125	AC	CONT, TEMP., IMU LIFTING		2900064-011																																										
124	AC	FIX., HANDLING, IMU		1902046-021																																										
123	AC	CONT., OPTICS, REMOTE		1902009-021																																										
122	AC	TEST CONTROL		1902431-021																																										
121	AC	ADPT MODULE, P.S.A.		2900128-011																																										
120	AC	BRIDGE, DECADE ERROR		2900012-011																																										
119	AC	PWR SUP, ELECTRONICS		1900049-031																																										
118	AC	PWR SUP, RELAY AND LAMP		1900000-021																																										
117	AC	CONSOLE OSCILLOGRAPH		1902431-011																																										
116	AC	ADPT, MODULE, P.S.A.		2900145-011																																										
115	AC	ADPT, TEST POINT, PTA/PEA		2900037-011																																										
114	AC	ADPT. TEST POINT, P.S.A.		2900036-011																																										
113	AC	CONTROL, GIMBAL, POSITION		2900035-011																																										
112	AC	SELECTOR, SIGNAL, PRIMARY		2900034-011																																										
111	AC	SEL, SIG, OSCILLOGRAPH		2900033-011																																										
110	AC	PANEL, PWR SUP AND LOAD		2900031-011																																										
109	AC	PANEL, MONITOR		2900030-011																																										
108	AC	PANEL, AUXILLARY INPUT		2900029-011																																										
107	AC	CAGING ELECTRONICS, GYRO		2900048-011																																										
106	AC	TEST SELECTOR		2900027-011																																										
105	AC	TEST CONTROL		2900026-011																																										
104	AC	MONITOR AND CONTROL, TEMP		2900024-011																																										
103	AC	DISTRIBUTION BOX, GSE		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.188 .184	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
102	AC	VOLTMETER, DIGITAL		6899950	NAS-9-497		A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
101	AC	NAVIGATION BASE ASSEMBLY - LEM		2899982	NAS-9-497		A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
100	AC	NAVIGATION BASE ASSEMBLY																																												

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

THIS SHEET ADDED
© REPLACES REV F WITH CHANGE

A C ELECTRONICS DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN R. D. Knapp 7-1-66
CHECKED A. J. Lange 7-22-66
APPROVED
APPROVED W. Kaplan 7-27-66
APPROVED MIT W. Kaplan 8-3-66
APPROVED MSC
DATE 9/6/67

NAMEPLATES, G&N-GSE (STANDARDS)

CODE IDENT NO. 80230
SIZE E
DRAWING NO. 1004260
SCALE NONE
SHEET 4 OF 5

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/16/65	WK
H		REVISED PER TDRR 20892			8/6/65	WK
J		REVISED PER TDRR 20904			8/9/65	WK
K		REVISED PER TDRR 21379			9/24/65	WK
L		REVISED PER TDRR 21410			9/29/65	WK
M		REVISED PER TDRR 21993			11/9/65	
N		REVISED PER TDRR 22621			1/7/66	
P		REVISED PER TDRR 22671			1/11/66	
R		REVISED PER TDRR 22672			1/11/66	
S		REVISED PER TDRR 22750			1/25/66	WK
T		REVISED PER TDRR 22823			1/27/66	WK
U		REVISED PER TDRR 23072			2-16-66	WK
V		REVISED PER TDRR 23521			3/28/66	WK
W		REVISED PER TDRR 23824	RAJ		4-8-66	WK
Y		REVISED PER TDRR 24018	RAJ		4-26-66	WK
Z		REVISED PER TDRR 24040	RAJ		4-29-66	WK
AA		REVISED PER TDRR 24060	RAJ		4-29-66	WK

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
160	AC	FIX., HAND., G AND N HARNESS		1901846-031		NAS9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
159	AC	BATTERY POWER PACK		1900011-031			B	II	NOTE 11C																																							
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222-011			A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																							
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222-021																																											
156	AC	POWER & SERVO ASSEMBLY C/M		2007200-011																																										
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201-011																																										
154	AC	PULSE TORQUE ASSEMBLY - LEM		6007000-011																																										
153	AC	POWER & SERVO ASSEMBLY - LEM		6007200-011			A	I	NOTE 11B																																						
152	AC	CONT PNL., RSVR CKT TESTER		2900770-011		NAS9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011																																										
150	AC	JUNCTION BOX, PSA/GSE		1901933-021						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
149	AC	BATTERY PACK, LIFTING		2900612-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
148	AC	MOUNTING PLATE, COMPONENT		6900007-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
147	AL	MOUNTING PLATE, COMPONENT		2900677-011			B	II	NOTE 11C																																							
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
144	AC	FIX., MOUNTING, G AND N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.188 .156	.125	1.625	1.140	.890	.640	1.390	.725	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
143	AC	GSE, COOL AND PWR, G AND N		1902134-021						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.725	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.725	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
141	AC	CONT, TEMP, PORTABLE		2900060-011						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.725	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011																																										
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021																																										
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011																																										
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011																																										
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																										
134	AC	FIX., HAND., G AND N HARNESS		2900069-011																																										
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011																																										
132	AC	FIX., MOUNTING, G AND N		2900067-011																																										
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																										
130	AC	TESTER, GYRO WHEEL		2900061-011																																										
129	AC	COOLANT SUPPLY		1902133-021																																										
128	AC	TABLE, ROTARY		1900935-021						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.725	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
127	AC	FIX, HAND., OPTICS		2900074-011						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
126	AC	FIXTURE, MTG, PTA/PEA.		2900066-011																																										
125	AC	CONT, TEMP, IMU LIFTING		2900063-011																																										
124	AC	FIXTURE, HANDLING, IMU		2900064-011																																										
123	AC	CONT, OPTICS, REMOTE		1902046-021																																										
122	AC	TEST CONTROL		1902009-021																																										
121	AC	ADPT MODULE, P.S.A.		1902431-021																																										
120	AC	BRIDGE, DECADE, ERROR		2900128-011																																										
119	AC	PWR SUP, ELECTRONICS		2900012-011																																										
118	AC	PWR SUP, RELAY AND LAMP		1900049-031																																										
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021																																										
116	AC	ADPT MODULE, P.S.A.		1902431-011																																										
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011																																										
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																										
113	AC	CONTROL, GIMBAL POSITION		2900036-011																																										
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																										
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																										
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																										
109	AC	PANEL, MONITOR		2900031-011																																										
108	AC	PANEL, AUXILIARY INPUT		2900030-011																																										
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																										
106	AC	TEST SELECTOR		2900028-011																																										
105	AC	TEST CONTROL		2900027-011																																										
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																										
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																										
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.188 .156	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
101	AC	NAVIGATION BASE ASSEMBLY - LEM		6899950		NAS9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	.906	.078	NA	.078	.531	.187	NA
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

THIS SHEET ADDED

© REPLACES REV F WITH CHANGE

A C ELECTRONICS DASH NUMBERS

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS ± —, DECIMALS ± .005, ANGLES ± —
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE H
AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN	R.A. Jones	7-15-65
CHECKED	D.J. Lyon	7-22-65
APPROVED		
APPROVED		7-27-65
APPROVED		7-27-65
APPROVED		7/27/65
MSC		DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | SHEET 4 OF 5

NOTICE - WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS, OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

REVISIONS						02768
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			7/26/67	WH
H		REVISED PER TDRR 20892			8/3/67	WH
J		REVISED PER TDRR 20904			8/7/67	WH
K		REVISED PER TDRR 21379			10/16/67	WH
L		REVISED PER TDRR 21410			10/26/67	WH
M		REVISED PER TDRR 21993			1/11/68	WH
N		REVISED PER TDRR 22621			4/1/68	WH
P		REVISED PER TDRR 22671			4/11/68	WH
R		REVISED PER TDRR 22672			4/11/68	WH
S		REVISED PER TDRR 22750			4/25/68	WH
T		REVISED PER TDRR 22823			5/3/68	WH
U		REVISED PER TDRR 23072			6-14-68	WH
V		REVISED PER TDRR 22521			8/26/68	WH
W		REVISED PER TDRR 23824	RAJ		9-9-68	WH
Y		REVISED PER TDRR 24018	RAJ		11/16/68	WH
Z		REVISED PER TDRR 24040	RAJ		11-19-68	WH
AA		REVISED PER TDRR 24060	RAJ		11-21-68	WH
AB		REVISED PER TDRR 24868	RAJ		2-28-69	WH

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
199	AC																																														
198	AC																																														
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011			A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
164	AC	INPUT OUTPUT PANEL		2900926-011	NAS-9-497		B	II	NOTE 11C																																							
163	AC	CONTROL PANEL		2900896-011																																												
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011	NAS-9-497		B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
160	AC	FIX., HAND., G AND N HARNESS		1901846-031	NAS-9-497		B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
159	AC	BATTERY POWER PACK		1900011-031			B	II	NOTE 11C																																							
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222-011			A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																							
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222-021																																											
156	AC	POWER & SERVO ASSEMBLY C/M		2007200-011																																											
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201-011																																											
154	AC	PULSE TORQUE ASSEMBLY - LEM		6007000-011																																											
153	AC	POWER & SERVO ASSEMBLY -LEM		6007200-011			A	I	NOTE 11B																																							
152	AC	CONT. PNL. RSVR. CKT. TESTER		2900770-011	NAS-9-497		B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
150	AC	JUNCTION BOX, PSA/GSE.		1901933-021						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
149	AC	BATTERY PACK, LIFTING		2900812-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
148	AC	MOUNTING PLATF. COMPONENT		6900007-011																																											
147	AC	MOUNTING PLATE, COMPONENT		2900677-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
145	AC	CONTAINER, SHIPPING, IMU		1900010-021	NAS-9-497		B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
144	AC	FIX., MOUNTING, G AND N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.188 / .094	.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
143	AC	CSL, COOL, AND PWR, G AND N		1902134-021						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
142	AC	ANALYZER .OPTICS-INERTIAL		2900023-011						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890		.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
41	AC	CONT, TEMP, PORTABLE		2900060-011						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011						4.125	.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011																																											
138	AC	SIMULATOR, LD/SIG, OPTICS		1902123-021																																											
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900053-011																																										
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011																																										
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																										
134	AC	FIX., HAND., G AND N HARNESS		2900069-011																																										
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011																																										
132	AC	FIX., MOUNTING, G AND N		2900067-011																																										
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																										
130	AC	TESTER, GYRO WHEEL		2900061-011																																										
129	AC	COOLANT SUPPLY		1902133-021																																										
128	AC	TABLE, ROTARY		1900926-021						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
127	AC	FIX., HAND., OPTICS		2900074-011						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
126	AC	FIXTURE, MTG, PTA/PEA.		2900066-011																																										
125	AC	CONT, TEMP, IMU LIFTING		2900063-011																																										
124	AC	FIXTURE, HANDLING, IMU		2900064-011																																										
123	AC	CONT, OPTICS, REMOTE		1900046-021																																										
122	AC	TEST CONTROL		1902009-021																																										
121	AC	ADPT MODULE, P.S.A.		1902431-021																																										
120	AC	BRIDGE, DECADE ERROR		2900128-011																																										
119	AC	PWR SUP, ELECTRONICS		2900012-011																																										
118	AC	PWR SUP, RELAY AND LAMP		1900049-031																																										
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021																																										
116	AC	ADPT MODULE, P.S.A.		1902431-011																																										
115	AC	ADPT, TEST POINT, PTA / PEA.		2900145-011																																										
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																										
113	AC	CONTROL, GIMBAL POSITION		2900036-011																																										
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																										
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																										
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																										
109	AC	PANEL, MONITOR		2900031-011																																										
108	AC	PANEL, AUXILIARY INPUT		2900030-011																																										
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																										
106	AC	TEST SELECTOR		2900028-011																																										
105	AC	TEST CONTROL		2900027-011																																										
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																										
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																										
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.188 / .094	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
101	AC	NAVIGATION BASE ASSEMBLY - LEM		6899950	NAS-9-497		A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
100	AC	NAVIGATION BASE ASSEMBLY		2899982	NAS-9-497		A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE
STYLE A IS FOR GEN SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

A/C ELECTRONICS DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS				

MASTER

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	R. A. Longo	7/1665
CHECKED	A. J. Lupo	7-22-66
APPROVED		
APPROVED	W. Hopkins	7/26/66
APPROVED MIT	W. Hopkins	7/26/66
APPROVED MSC		7/26/66

NAMEPLATES, APOLLO GEN-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260 | SCALE NONE | SHEET 4 OF 5

1004260 REV

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REVISIONS							
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED	
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			12/16/65	WM	
H		REVISED PER TDRR 20892			1/26/66	WM	
J		REVISED PER TDRR 20904			2/2/66	WM	
K		REVISED PER TDRR 21379			10/6/66	WM	
L		REVISED PER TDRR 21410			10/28/66	WM	
M		REVISED PER TDRR 21993			1/7		
N		REVISED PER TDRR 22621			1/7		
P		REVISED PER TDRR 22671			1/11		
R		REVISED PER TDRR 22672			1/11		
S		REVISED PER TDRR 22750			1/6	LK	
T		REVISED PER TDRR 22823			1/6	LK	
U		REVISED PER TDRR 23072			illegible	WM	
V		REVISED PER TDRR 23521			illegible	LK	
W		REVISED PER TDRR 23824	RAJ		illegible		
Y		REVISED PER TDRR 24018	RAJ		illegible		
Z		REVISED PER TDRR 24040	RAJ		illegible		
AA		REVISED PER TDRR 24060	RAJ		illegible		
AB		REVISED PER TDRR 24868	RAJ		illegible		
AC		REVISED PER TDRR 24973	RAJ		illegible		

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
199	AC																																													
198	AC																																													
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011		NAS9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
164	AC	INPUT OUTPUT PANEL		2900926-011		↑	↑	↑	↑																																						
163	AC	CONTROL PANEL		2900896-011																																											
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011		NAS9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
160	AC	FIX., HAND., G AND N HARNESS		1901846-031		NAS9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
159	AC	BATTERY POWER PACK		1900011-031			B	II	NOTE 11C																																						
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222			A	I	NOTE 11B																																						
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222			↓	↓	↑																																						
156	AC	POWER & SERVO ASSEMBLY C/M		2007200						FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																						
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201																																										
154	AC	PULSE TORQUE ASSEMBLY - LEM		6007000																																										
153	AC	POWER & SERVO ASSEMBLY - LEM		6007200			A	I	NOTE 11B																																						
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011		NAS9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011																																										
150	AC	JUNCTION BOX, P.S.A./GSE.		1901933-021						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
149	AC	BATTERY PACK, LIFTING		2900612-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
148	AC	MOUNTING PLATE, COMPONENT		6900007-011																																										
147	AC	MOUNTING PLATE, COMPONENT		2900677-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
144	AC	FIX., MOUNTING, G AND N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.093 DIA	.125	1.625	1.140	.890	.640	1.390	.125	1.71	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
143	AC	CSL, COOL. AND PWR, G AND N		1902134-021			↓	↓	↑	4.125	1.812	3.250		.125	.062	.12	.156	↓	.125	1.625	1.140	.890	.640	1.390	.125	1.71	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	↓	↓	.359	.125	.437	3.688	↓	3.687	.093	.40	.25	3.875
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	1.71	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
141	AC	CONT, TEMP, PORTABLE		2900060-011						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	1.71	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011																																										
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021																																										
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011																																										
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011																																										
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																										
134	AC	FIX., HAND., G AND N HARNESS		2900069-011																																										
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011																																										
132	AC	FIX., MOUNTING, G AND N		2900067-011																																										
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																										
130	AC	TESTER, GYRO WHEEL		2900061-011																																										
129	AC	COOLANT SUPPLY		1902133-021																																										
128	AC	TABLE, ROTARY		1900926-021						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	1.71	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
127	AC	FIX., HAND., OPTICS		2900074-011						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
126	AC	FIXTURE, MTG. PTA/PEA.		2900066-011																																										
125	AC	CONT, TEMP, IMU LIFTING		2900063-011																																										
124	AC	FIXTURE, HANDLING, IMU		2900064-011																																										
123	AC	CONT, OPTICS, REMOTE		1902046-021																																										
122	AC	TEST CONTROL		1902009-021																																										
121	AC	ADPT MODULE, P.S.A.		1902431-021																																										
120	AC	BRIDGE, DECADE ERROR		2900128-011																																										
119	AC	PWR SUP, ELECTRONICS		2900012-011																																										
118	AC	PWR SUP, RELAY AND LAMP		1900049-031																																										
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021																																										
116	AC	ADPT MODULE, P.S.A.		1902431-011																																										
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011																																										
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																										
113	AC	CONTROL, GIMBAL POSITION		2900036-011																																										
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																										
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																										
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																										
109	AC	PANEL, MONITOR		2900031-011																																										
108	AC	PANEL, AUXILIARY INPUT		2900030-011																																										
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																										
106	AC	TEST SELECTOR		2900028-011																																											
105	AC	TEST CONTROL		2900027-011																																											
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																										
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																										
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.156 DIA	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
101	AC	NAVIGATION BASE ASSEMBLY - LEM		6899950		NAS9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS9-497	A	I	NOTE 11B	2.000	1.312	1.906	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

THIS SHEET ADDED
© REPLACES REV F WITH CHANGE

A.C ELECTRONICS DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS ± —, DECIMALS ± .005, ANGLES ± —
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 11
AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN R.C. Longo 7/1966
CHECKED W.J. Longo 7/66
APPROVED
APPROVED W.M. Hopkins 7/14/66
APPROVED MIT W.M. Hopkins 7/14/66
APPROVED MSC [illegible] 7/14/66

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260
DATE | SCALE NONE | SHEET 4 OF 5

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DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
195	AC																																														
196	AC																																														
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011	NAS-9-497	B	II	NOTE 11C																																								
173	AC	FIX., HANDLING, C/M PSA		2900998-011																																											
172	AC	CASING ELECTRONICS, GYRO		2900029-021																																											
171	AC	DISTRIBUTION BOX, GSE		2900024-021																																											
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021																																											
169	AC	ADPT, TEST POINT, P.S.A.		2900037-021																																											
168	AC	TEST SELECTOR		2900028-021																																											
167	AC	TEST CONTROL		2900027-021																																											
166	AC	PANEL, MONITOR		2900031-021																																											
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011																																											
164	AC	INPUT/OUTPUT PANEL		2900926-011																																											
163	AC	CONTROL PANEL		2900896-011																																												
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																								
[illegible]	AC	FIX., HAND., S AND N HARNESS		[illegible]-031		B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																								
160	AC	BATTERY POWER PACK		1900011-031	NAS-9-497	B	II	NOTE 11C																																								
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222		A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																								
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222																																											
156	AC	POWER & SERVO ASSEMBLY C/M		2007200																																											
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201																																											
154	AC	PULSE TORQUE ASSEMBLY - LEM		6007000																																											
153	AC	POWER & SERVO ASSEMBLY - LEM		6007200		A	I	NOTE 11B																																								
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011		B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																								
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011					FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																								
150	AC	JUNCTION BOX, PSA/GSE		1901933-021					FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																								
149	AC	BATTERY PACK, LIFTING		2900612-011																																											
148	AC	MOUNTING PLATE, COMPONENT		6900007-011					FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																								
147	AC	MOUNTING PLATE, COMPONENT		2900677-011																																											
146	AC	CART, TRANS, G AND N		1900005-041																																											
145	AC	CONTAINER, SHIPPING, IMU		1902010-021	NAS-9-497	B	II	NOTE 11C		4.125	1.812	3.250	NA	.125	.062	.12	.156	.094 .094	.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
144	AC	FIX., MOUNTING, G AND N		1902204-021		B	II	NOTE 11C		4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
143	AC	CSL, COOLANT PWR, G AND N		1902134-021						4.125	1.812	3.750		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
141	AC	CONT, TEMP, PORTABLE		2900060-011						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093													
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011																																											
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021																																											
137	AC	FIX., MOUNTING, IMU/NAV BASE		2900103-011																																											
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011																																											
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																											
134	AC	FIX., HAND., G AND N HARNESS		2900069-011																																											
133	AC	CNTR., SHIPPING, NAV BASE		2900068-011																																											
132	AC	FIX., MOUNTING, G AND N		2900067-011																																											
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																											
130	AC	TESTER, GYRO WHEEL		2900061-011																																											
129	AC	COOLANT SUPPLY		1902133-021						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
128	AC	TABLE, ROTARY		1902926-021						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
127	AC	FIX., HAND., OPTICS		2900074-011																																											
126	AC	FIXTURE, MTG., PTA/PEA.		2900066-011																																											
125	AC	CONT, TEMP., IMU LIFTING		2900063-011																																											
124	AC	FIXTURE, HANDLING, IMU		2900064-011																																											
123	AC	CONT, OPTICS, REMOTE		1902046-021																																											
122	AC	TEST CONTROL		1902009-021																																											
121	AC	ADPT MODULE, P.S.A.		1902431-021																																											
120	AC	BRIDGE, DECADE, ERROR		2900128-011																																											
119	AC	PWR SUP, ELECTRONICS		2900012-011																																											
118	AC	PWR SUP, RELAY AND LAMP		1900049-031																																											
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021																																											
116	AC	ADPT MODULE, P.S.A.		1902431-011																																											
115	AC	ADPT, TEST POINT, PTA/PEA.		2900135-011																																											
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																											
113	AC	CONTROL, GIMBAL POSITION		2900036-011																																											
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																											
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																											
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																											
109	AC	PANEL, MONITOR		2900031-011																																											
108	AC	PANEL, AUXILIARY INPUT		2900030-011																																											
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																											
106	AC	TEST SELECTOR		2900026-011																																											
105	AC	TEST CONTROL		2900027-011																																											
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																											
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																											
102	AC	VOLTMETER, DIGITAL		2900007-011		B	II	NOTE 11C		2.125	.968	1.718	NA	.093	.031	.06	.053	.188 .094	.093	.858	.608	.484	.358	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
101	AC	NAVIGATION BASE ASSEMBLY - LEM		6899950	NAS-9-497	A	I	NOTE 11B		2.000	1.312	1.906	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
100	AC	NAVIGATION BASE ASSEMBLY		2899982	NAS-9-497	A	I	NOTE 11B		2.000	1.312	1.906	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

REVISIONS						02767
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			7/24/67	WK
H		REVISED PER TDRR 20892			8/25/67	WK
J		REVISED PER TDRR 20904			8/25/67	WK
K		REVISED PER TDRR 21379			9/26/67	WK
L		REVISED PER TDRR 21410			10/26/67	WK
M		REVISED PER TDRR 21993			12/8/67	WK
N		REVISED PER TDRR 22621			1/8/68	WK
P		REVISED PER TDRR 22671			1/11/68	WK
R		REVISED PER TDRR 22672			1/11/68	WK
S		REVISED PER TDRR 22750			1/15/68	WK
T		REVISED PER TDRR 22823			1/25/68	WK
U		REVISED PER TDRR 23072			[illegible]	[illegible]
V		REVISED PER TDRR 23521			3/26/68	WK
W		REVISED PER TDRR 23824	RAJ		4-9-68	WK
Y		REVISED PER TDRR 24018	RAJ		4/16/68	WK
Z		REVISED PER TDRR 24040	RAJ		4/19/68	WK
AA		REVISED PER TDRR 24060	RAJ		4/19/68	WK
AB		REVISED PER TDRR 24868	RAJ		7/22/68	WK
AC		REVISED PER TDRR 24973	RAJ		7-4-68	WK
AD		REVISED PER TDRR 25065	RAJ		7-26-68	WK

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

A C ELECTRONICS DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS				

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS ±1/64 DECIMALS .XX ±.01 .XXX ±.005 ANGLES ± 1°
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 11
AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN	A. C. Knapp	7/1966
CHECKED	D. J. Lange	7-22-66
APPROVED		
APPROVED	W. Wrigley	7/22/66
APPROVED MIT	W. Wrigley	7/22/66
APPROVED MSC	[illegible]	7/26/66

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260 | SHEET 4 OF 5 | SCALE NONE | DATE

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
199	AC																																														
198	AC																																														
82	AC	ADPT MODULE, P.S.A.		6900088-011		NAS9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
81																																																
80	AC	ADPT MODULE, P.S.A.		1902431-031		NAS9-497	B	II		FOR DIMENSIONS, SEE DASH 121 VALUES BELOW																																							
79	AC	MOUNTING PLATE, MU/PTA		6900083-011																																											
78	AC	MOUNTING PLATE, COMPONENT		6900007-021						FOR DIMENSIONS SEE DASH 144 VALUES BELOW																																							
77	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021																																											
176	AC	FIX., MOUNTING, G AND N		2900067-021																																											
175	AC	CS., COOL. AND PWR, G AND N		1902134-031																																											
174	AC	FIX., HAND., C/M AND LEM CDU		2900998-011					NOTE 11C																																							
173	AC	FIX., HANDLING, C/M PSA		2900998-011																																											
172	AC	CASING ELECTRONICS, GYRO		2900029-021																																											
171	AC	DISTRIBUTION BOX, GSE		2900024-021																																											
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021																																											
169	AC	ADPT, TEST POINT, P.S.A.		2900037-021																																											
168	AC	TEST SELECTOR		2900028-021																																											
167	AC	TEST CONTROL		2900027-021																																											
166	AC	PANEL, MONITOR		2900031-021																																											
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011																																											
164	AC	INPUT/OUTPUT PANEL		2900926-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
163	AC	CONTROL PANEL		2900896-011																																												
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
161	AC	FIX., LIFT AND HAND., IMU		1015462-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
160	AC	FIX., HAND., G AND N HARNESS		1901846-031						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
159	AC	BATTERY POWER PACK		1900011-031			B	II	NOTE 11C																																							
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222			A	I	NOTE 11B																																							
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222																																											
156	AC	POWER & SERVO ASSEMBLY C/M		2007200						FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																							
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201																																											
154	AC	PULSE TORQUE ASSEMBLY - LEM		6007000																																											
153	AC	POWER & SERVO ASSEMBLY - LEM		6007200			A	I	NOTE 11B																																							
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
150	AC	JUNCTION BOX, P.S.A./GSE.		1901933-021						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
149	AC	BATTERY PACK, LIFTING		2900812-011																																											
148	AC	MOUNTING PLATE, COMPONENT		6900007-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
147	AC	MOUNTING PLATE, COMPONENT		2900677-011																																											
146	AC	CART, TRANS, G AND N		1900005-041																																											
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS9-497	B	II	NOTE 11C																																							
144	AC	FIX., MOUNTING, G AND N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.188 .094	.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
143	AC	CSL, COOL. AND PWR, G AND N		1902134-021						4.25	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011						4.25	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
141	AC	CONT, TEMP, PORTABLE		2900680-011						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
140	AC	TESTER, CKT, IN U/CDU RSVR		2900286-011						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011																																											
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021																																											
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011																																										
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011																																										
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																										
134	AC	FIX., HAND., G AND N HARNESS		2900069-011																																										
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011																																										
132	AC	FIX., MOUNTING, G AND N		2900067-011																																										
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																										
130	AC	TESTER, GYRO WHEEL		2900061-011																																										
129	AC	COOLANT SUPPLY		1902133-021																																											
128	AC	TABLE, ROTARY		1900926-021						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
127	AC	FIX., HAND., OPTICS		2900074-011						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
126	AC	FIXTURE, MTG, PTA/PEA.		2900066-011																																										
125	AC	CONT, TEMP, IMU LIFTING		2900063-011																																										
124	AC	FIXTURE, HANDLING, IMU		2900064-011																																										
123	AC	CONT, OPTICS, REMOTE		1902046-021																																										
122	AC	TEST CONTROL		1902009-021																																										
121	AC	ADPT MODULE, P.S.A.		1902431-021																																										
120	AC	BRIDGE, DECADE ERROR		2900128-011																																										
119	AC	PWR SUP, ELECTRONICS		2900012-011																																										
118	AC	PWR SUP, RELAY AND LAMP		1900049-031																																										
117	AC	CONSOLE, OSCILLOGRAPH		2900000-021																																										
116	AC	ADPT MODULE, P.S.A.		1902431-011																																										
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011																																										
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																										
113	AC	CONTROL, GIMBAL POSITION		2900036-011																																										
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																										
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																										
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																										
109	AC	PANEL, MONITOR		2900031-011																																										
108	AC	PANEL, AUXILIARY INPUT		2900030-011																																										
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																										
106	AC	TEST SELECTOR		2900028-011																																											
105	AC	TEST CONTROL		2900027-011																																											
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																										
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																										
102	AC	VOLTMETER, DIGITAL		2900007-016			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.188 .094	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
101	AC	NAVIGATION BASE ASSEMBLY - LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			7/24/65	WK
H		REVISED PER TDRR 20892			8/26/65	WK
J		REVISED PER TDRR 20904			8/31/65	WK
K		REVISED PER TDRR 21379			9/24/65	WK
L		REVISED PER TDRR 21410			9/28/65	WK
M		REVISED PER TDRR 21993			11/9/65	WK
N		REVISED PER TDRR 22621			11/9	
P		REVISED PER TDRR 22671			11/9	
R		REVISED PER TDRR 22672			11/9	
S		REVISED PER TDRR 22750			12/15	WK
T		REVISED PER TDRR 22823			12/15	WK
U		REVISED PER TDRR 23072			1-11-66	WK
V		REVISED PER TDRR 23521			1-26-66	WK
W		REVISED PER TDRR 23824	RAJ		2-9-66	WK
Y		REVISED PER TDRR 24018	RAJ		3-16-66	WK
Z		REVISED PER TDRR 24040	RAJ		3-19-66	WK
AA		REVISED PER TDRR 24060	RAJ		3-29-66	WK
AB		REVISED PER TDRR 24868	RAJ		5-25-66	WK
AC		REVISED PER TDRR 24973	RAJ		6-9-66	WK
AD		REVISED PER TDRR 25065	RAJ		6-16-66	WK
AE		REVISED PER TDRR 25672	RAJ		8-4-66	WK
AF		REVISED PER TDRR 25671	RAJ		8-4-66	WK

THIS SHEET ADDED
© REPLACES REV F WITH CHANGE

A C ELECTRONICS DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS				

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS ± —, DECIMALS ±.005, ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN R.D. Sayer 7/1966
CHECKED A.J. Engel 7-22-66
APPROVED
APPROVED W.K. Kyle 7/26/66
APPROVED MIT W.K. Kyle 8/4/66
APPROVED MSC [illegible] 8/4/66
DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 4 OF 5

1004260AE

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
199	AC																																															
198	AC																																																
183	AC	INSTALLING TOOL, ELEC. CONN		1902586-011		NAS9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 102 VALUE BELOW																																								
182	AC	ADPT MODULE, P.S.A.		6900088-011		NAS9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																								
181																																																	
180	AC	ADPT MODULE, P.S.A.		1902431-031		NAS9-497	B	II	-	FOR DIMENSIONS, SEE DASH 121 VALUES BELOW																																								
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011																																												
178	AC	MOUNTING PLATE, COMPONENT		6900007-021						FOR DIMENSIONS SEE DASH 144 VALUES BELOW																																								
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021																																											
176	AC	FIX., MOUNTING, G AND N		2900067-021																																											
175	AC	CSL, COOL. AND PWR, G AND N		1902134-031					NOTE 11C																																							
174	AC	FIX., HAND., C/M AND LEM CDU		2900998-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																								
173	AC	FIX., HANDLING, C/M PSA		2900998-011																																											
172	AC	CAGING ELECTRONICS, GYRO		2900029-021						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																								
171	AC	DISTRIBUTION BOX, G S E		2900024-021						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																								
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021																																											
169	AC	ADPT, TEST POINT, P.S.A.		2900037-021																																											
168	AC	TEST SELECTOR		2900028-021																																											
167	AC	TEST CONTROL		2900027-021																																											
166	AC	PANEL, MONITOR		2900031-021																																											
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																								
164	AC	INPUT/OUTPUT PANEL		2900926-011																																											
163	AC	CONTROL PANEL		2900896-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																								
162	AC	CSL, CAL AND TEST, SCM/PSA&M		2900895-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																								
161	AC	FIX., LIFT AND HAND., IMU		1015462-011																																											
160	AC	FIX., HAND., G AND N HARNESS		1901846-031						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																								
159	AC	BATTERY, POWER PACK		1900011-051			B	II	NOTE 11C																																							
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222			A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																								
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222																																											
156	AC	POWER & SERVO ASSEMBLY C/M		2007200																																											
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201																																											
154	AC	PULSE TORQUE ASSEMBLY - LEM		6007000																																											
153	AC	POWER & SERVO ASSEMBLY - LEM		6007200			A	I	NOTE 11B																																							
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																								
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																								
150	AC	JUNCTION BOX, P.S.A./GSE.		1901933-021						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																								
149	AC	BATTERY PACK, LIFTING		2900812-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																								
148	AC	MOUNTING PLATE, COMPONENT		6900007-011																																											
147	AC	MOUNTING PLATE, COMPONENT		2900677-011																																											
146	AC	CART, TRANS, G AND N		1900005-041																																											
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS9-497	B	II	NOTE 11C	4.25	1.812	3.250	NA	.125	.062	.12	.156	.093 .109	.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
144	AC	FIX., MOUNTING, G AND N		1902204-021			B	II	NOTE 11C	4.25	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
143	AC	CSL, COOL. AND PWR, G AND N		1902134-021						4.25	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011						2.25	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.8 2	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
141	AC	CONT, TEMP, PORTABLE		2900060-011						4.25	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011																																											
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011																																											
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021																																											
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011																																											
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011																																											
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																											
134	AC	FIX., HAND., G AND N HARNESS		2900069-011																																											
133	AC	CNTR., SHIPPING, NAV BASE		2900058-011																																											
132	AC	FIX., MOUNTING, G AND N		2900067-011																																											
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																											
130	AC	TESTER, GYRO WHEEL		2900061-011																																											
129	AC	COOLANT SUPPLY		1902133-021						4.25	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
128	AC	TABLE, ROTARY		1900036-021						2.25	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.692	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
127	AC	FIX., HAND., OPTICS		2900074-011																																											
126	AC	FIXTURE, MTG, PTA/PEA.		2900066-011																																											
125	AC	CONT, TEMP, IMU LIFTING		2900063-011																																											
124	AC	FIXTURE, HANDLING, IMU		2900064-011																																											
123	AC	CONT, OPTICS, REMOTE		1902046-021																																										
122	AC	TEST CONTROL		1902009-021																																											
121	AC	ADPT MODULE, P.S.A.		1902431-021																																										
120	AC	BRIDGE, DECADE ERROR		2900128-011																																										
119	AC	PWR SUP, ELECTRONICS		2900012-011																																										
118	AC	PWR SUP, RELAY AND LAMP		1900049-031																																										
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021																																										
116	AC	ADPT MODULE, P.S.A.		1902431-011																																										
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011																																										
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																										
113	AC	CONTROL, GIMBAL POSITION		2900036-011																																										
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																										
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																										
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																										
109	AC	PANEL, MONITOR		2900031-011																																										
108	AC	PANEL, AUXILIARY INPUT		2900030-011																																										
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																										
106	AC	TEST SELECTOR		2900028-011																																										
105	AC	TEST CONTROL		2900027-011																																										
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																										
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																										
102	AC	VOLTMETER, DIGITAL		2900007 011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093 .109	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.692	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
101	AC	NAVIGATION BASE ASSEMBLY - LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-457	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

THIS SHEET ADDED
© REPLACES REV F WITH CHANGE

A C ELECTRONICS DASH NUMBERS

REVISIONS						
SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			7-16-65	
H		REVISED PER TDRR 20892			8-6-65	
J		REVISED PER TDRR 20904			8-24-65	
K		REVISED PER TDRR 21379			9-16-65	
L		REVISED PER TDRR 21410			9-21-65	
M		REVISED PER TDRR 21993			10-19-65	
N		REVISED PER TDRR 22621			11-9-65	
P		REVISED PER TDRR 22671			11-11-65	
R		REVISED PER TDRR 22672			11-11-65	
S		REVISED PER TDRR 22750			11-15-65	
T		REVISED PER TDRR 22823			11-22-65	
U		REVISED PER TDRR 23072			1-3-66	
V		REVISED PER TDRR 23521			2-26-66	
W		REVISED PER TDRR 23824	RAJ		3-9-66	
Y		REVISED PER TDRR 24018	RAJ		3-16-66	
Z		REVISED PER TDRR 24040	RAJ		3-29-66	
AA		REVISED PER TDRR 24060	RAJ		3-29-66	
AB		REVISED PER TDRR 24868	RAJ		5-20-66	
AC		REVISED PER TDRR 24973	RAJ		5-26-66	
AD		REVISED PER TDRR 25065	RAJ		6-1-66	
AE		REVISED PER TDRR 25672	RAJ		8-4-66	
AF		REVISED PER TDRR 25671	RAJ		8-4-66	
AG		REVISED PER TDRR 26110	RAJ		8-15-66	

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS ± — DECIMALS ±.005 ANGLES ± —
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 11
AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN R.D. Troyer 7-15-65
CHECKED A.J. Lupo 7-22-65
APPROVED
APPROVED W. Wrigley 7-26-65
APPROVED MIT W. Wrigley 8/4/66
APPROVED MSC [illegible] 8/4/66

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | DATE | SHEET 4 OF 6

1004260 AB

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
199	AC	[illegible] STOWAGE UNIT		2021255-081																																											
198	AC	G S A SIGNAL CONDITIONER ASSY C/M		2007284		NAS-9-497	A	I		NOTE 11B																																						
197	AC	G S A SIGNAL CONDITIONER ASSY C/M		2007235																																											
196	AC	PSA & SIGNAL CONDITIONER ASSY LEM		6007010																																											
95	AC	PSA & SIGNAL CONDITIONER ASSY		6007009		NAS-9-497	A	I		NOTE 11B																																						
94	AC																																														
93	AC																																														
92	AC																																														
191	AC																																														
190	AC																																														
189	AC																																														
38	AC																																														
187	AC																																														
186	AC	ANN PNL & EYEPIECE STOW. ASSY		1021255-021			A	I																																								
185	AC	ANN PNL & EYEPIECE STOW. ASSY		1021255-011			A	I																																								
84	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS-9-497	B	II		NOTE 11C																																						
83	AC	INSTALLING TOOL, ELEC. CONN		1902586-011			B	II		NOTE 11C																																						
182	AC	ADPT MODULE, P.S.A.		6900088-011			B	II		NOTE 11C																																						
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011			A	I		NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.906	.688	1.500	NA	.281	.125	NA	1.094	2.062	.312	NA	2.500	.062	.125	1.312	.469	NA	NA	NA	.156	NA	.125	.469	.344	NA					
80	AC	ADPT MODULE, P.S.A.		1902431-031			B	II																																							
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011																																											
178	AC	MOUNTING PLATE, COMPONENT		6900007-021																																											
77	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021																																											
176	AC	FIX., MOUNTING, G AND N		2900067-021																																											
175	AC	CSL, COOL, AND PWR, G AND N		1902134-031																																											
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011			A	I		NOTE 11C																																						
173	AC	FIX., HANDLING, C/M PSA		2900998-011																																											
172	AC	CAGING ELECTRONICS, GYRO		2900029-021																																											
17	AC	DISTRIBUTION BOX, GSE		2900024-021																																											
	AC	ANALYZER, OPTICS-INERTIAL		2900023-021																																											
169	AC	ADPT, TEST POINT, P.S.A.		2900037-021																																											
168	AC	TEST SELECTOR		2900028-021																																											
167	AC	TEST CONTROL		2900027-021																																											
166	AC	PANEL, MONITOR		2900031-021																																											
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011																																											
164	AC	INPUT/OUTPUT PANEL		2900926-011																																											
163	AC	CONTROL PANEL		2900896-011																																											
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011																																											
161	AC	FIX., LIFT AND HAND., IMU		1015462-011																																											
160	AC	FIX., HAND., G AND N HARNESS		1901846-031																																											
159	AC	BATTERY POWER PACK		1900011-031			B	II		NOTE 11C																																						
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222			A	I		NOTE 11B																																						
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222																																											
156	AC	POWER & SERVO ASSEMBLY C/M		2007200																																											
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201																																											
154	AC	PULSE TORQUE ASSEMBLY - LEM		6007000																																											
153	AC	POWER & SERVO ASSEMBLY - LEM		6007200			A	I		NOTE 11B																																						
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011			B	II		NOTE 11C																																						
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011																																											
150	AC	JUNCTION BOX, P.S.A./GSE.		1901933-021																																											
149	AC	BATTERY PACK, LIFTING		2900812-011																																											
148	AC	MOUNTING PLATE, COMPONENT		6900007-011																																											
147	AC	MOUNTING PLATE, COMPONENT		2900677-011																																											
146	AC	CART, TRANS, G AND N		1900005-041																																											
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS-9-497	B	II		NOTE 11C																																						
144	AC	FIX., MOUNTING, G AND N		1902204-021			B	II		NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.188 .094		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
143	AC	CSL, COOL, AND PWR, G AND N		1902134-021							4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011							4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
141	AC	CONT. TEMP, PORTABLE		2900060-011							2.125	.968	1.718		.093	.031	.06	.093			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011							4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011																																											
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021																																											
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011																																										
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011																																										
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																										
134	AC	FIX., HAND., G AND N HARNESS		2900069-011																																										
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011																																										
132	AC	FIX., MOUNTING, G AND N		2900067-011																																										
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																										
130	AC	TESTER, GYRO WHEEL		2900061-011																																										
129	AC	COOLANT SUPPLY		1902133-021																																										
128	AC	TABLE, ROTARY		1900926-021							4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
127	AC	FIX., HAND., OPTICS		2900074-011							2.125	.968	1.718		.093	.031	.06	.093			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
126	AC	FIXTURE, MTG, PTA/PEA.		2900066-011																																											
125	AC	CONT, TEMP, IMU LIFTING		2900063-011																																											
124	AC	FIXTURE, HANDLING, IMU		2900064-011																																											
123	AC	CONT, OPTICS, REMOTE		1902046-021																																											
122	AC	TEST CONTROL		1902009-021																																											
121	AC	ADPT MODULE, P.S.A.		1902431-021																																											
120	AC	BRIDGE, DECADE ERROR		2900128-011																																											
119	AC	PWR SUP, ELECTRONICS		2900012-011																																											
118	AC	PWR SUP, RELAY AND LAMP		1900049-031																																											
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021																																											
116	AC	ADPT MODULE, P.S.A.		1902431-011																																											
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011																																											
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																											
113	AC	CONTROL, GIMBAL POSITION		2900036-011																																											
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																											
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																											
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																											
109	AC	PANEL, MONITOR		2900031-011																																											
108	AC	PANEL, AUXILIARY INPUT		2900030-011																																											
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																											
106	AC	TEST SELECTOR		2900028-011																																											
105	AC	TEST CONTROL		2900027-011																																											
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																											
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																											
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II		NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.188 .094	NA	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
101	AC	NAVIGATION BASE ASSEMBLY - LEM		6899950		NAS-9-497	A	I		NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA					
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I		NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA					

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

FOR DIMENSIONS, SEE DASH 100 VALUES BELOW

FOR DIMENSIONS, SEE DASH 144 VALUES BELOW

FOR DIMENSIONS, SEE DASH 102 VALUES BELOW

FOR DIMENSIONS, SEE DASH 141 VALUES BELOW

FOR DIMENSIONS, SEE DASH 121 VALUES BELOW

FOR DIMENSIONS, SEE DASH 144 VALUES BELOW

FOR DIMENSIONS, SEE DASH 141 VALUES BELOW

FOR DIMENSIONS, SEE DASH 144 VALUES BELOW

FOR DIMENSIONS, SEE DASH 141 VALUES BELOW

FOR DIMENSIONS, SEE DASH 100 VALUES BELOW

FOR DIMENSIONS, SEE DASH 141 VALUES BELOW

FOR DIMENSIONS, SEE DASH 144 VALUES BELOW

FOR DIMENSIONS, SEE DASH 141 VALUES BELOW

FOR DIMENSIONS, SEE DASH 144 VALUES BELOW

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

A C ELECTRONICS DASH NUMBERS

REVISIONS						
SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			7-16-65	
H		REVISED PER TDRR 20892			8-2-65	
J		REVISED PER TDRR 20904			8-31-65	
K		REVISED PER TDRR 21379			9-24-65	
L		REVISED PER TDRR 21410			10-5-65	
M		REVISED PER TDRR 21993			10-29-65	
N		REVISED PER TDRR 22621			11-19-65	
P		REVISED PER TDRR 22671			11-19-65	
R		REVISED PER TDRR 22672			11-19-65	
S		REVISED PER TDRR 22750			11-19-65	
T		REVISED PER TDRR 22823			11-29-65	
U		REVISED PER TDRR 23072			12-10-65	
V		REVISED PER TDRR 23521			12-29-65	
W		REVISED PER TDRR 23824	RAJ		1-3-66	
Y		REVISED PER TDRR 24018	RAJ		1-19-66	
Z		REVISED PER TDRR 24040	RAJ		1-19-66	
AA		REVISED PER TDRR 24060	RAJ		1-19-66	
AB		REVISED PER TDRR 24868	RAJ		2-2-66	
AC		REVISED PER TDRR 24973	RAJ		2-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-1-1966	
AE		REVISED PER TDRR 25672	RAJ		2-24-66	
AF		REVISED PER TDRR 25671	RAJ		2-24-66	
AG		REVISED PER TDRR 26110	RAJ		2-15-66	
AH		REVISED PER TDRR 26372	"		3-9-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26738	"		3-16-66	

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

MASTER

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS DECIMALS ANGLES ± .005 ±
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 11
AS APPLICABLE | NEXT ASSY | USED ON | APPLICATION

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.
DRAWN R.C. Jones 7-16-65
CHECKED A.S. Lyon 7-24-65
APPROVED
APPROVED
APPROVED MIT
APPROVED NSC DATE

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT. NO. 80230 | SIZE E | DRAWING NO. 1004260 | SCALE NONE | SHEET 4 OF 6

1004260 AA

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
198	AC	REFERENCE STOWAGE UNIT		2021255-081			A	I																																						
197	AC	G&N CONDITIONER ASSY C/M		2007234		NAS-9-497	↑	↑	NOTE 11B																																						
196	AC	G&N CONDITIONER ASSY C/M		2007235		↑	↑	↑	↑																																						
195	AC	G&N CONDITIONER ASSY LEM		6007010		↑	↑	↑	↑																																						
194	AC	G&N SIGNAL CONDITIONER ASSY		6007009		NAS-9-497	A	I	NOTE 11B																																						
193	AC																																												
192	AC																																												
191	AC																																												
190	AC																																												
89	AC																																												
88	AC																																												
187	AC																																												
186	AC	MAIN PNL & EYEPIECE STOW. ASSY		1021255-021			A	I		FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																						
185	AC	MAIN PNL & EYEPIECE STOW. ASSY		1021255-011			A	I																																						
184	AC	HDLR, HAND., G AND N HARNESS		1901846-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
183	AC	INSTALLING TOOL, ELEC, CONN		1902586-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 102 VALUES BELOW																																						
182	AC	ADPT MODULE, P.S.A.		6900088-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
81	AC	G&N INDICATOR CONTROL PANEL ASSY		2014578-011			A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.906	.688	1.500	NA	.281	.125	.NA	1.094	2.062	.312	NA	2.500	.062	.125	1.312	.469	NA	NA	NA	.156	NA	.125	.469	.344	NA				
80	AC	ADPT MODULE, P.S.A.		1902431-031			B	II		FOR DIMENSIONS, SEE DASH 121 VALUES BELOW																																						
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011			↑	↑	↑																																						
178	AC	MOUNTING PLATE, COMPONENT		6900007-021			↑	↑	↑	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021			↑	↑	↑																																						
176	AC	FIX., MOUNTING, G AND N		2900067-021			↑	↑	↑																																						
175	AC	CSL., COOL. AND PWR, G AND N		1902134-031			↑	↑	↑																																						
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011			↑	↑	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
173	AC	FIX., HANDLING, C/M PSA		2900998-011			↑	↑	↑																																						
172	AC	CAGING ELECTRONICS, GYRO		2900029-021			↑	↑	↑																																						
171	AC	DISTRIBUTION BOX, GSE		2900024-021			↑	↑	↑																																						
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021			↑	↑	↑	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
169	AC	ADPT, TEST POINT, P.S.A.		2900037-021			↑	↑	↑																																						
168	AC	TEST SELECTOR		2900028-021			↑	↑	↑																																						
167	AC	TEST CONTROL		2900027-021			↑	↑	↑																																						
166	AC	PANEL, MONITOR		2900031-021			↑	↑	↑																																						
65	AC	TERM. BOARD STORAGE DRAWER		2900927-011			↑	↑	↑	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
164	AC	INPUT/OUTPUT PANEL		2900926-011			↑	↑	↑																																						
163	AC	CONTROL PANEL		2900896-011			↑	↑	↑																																						
162	AC	CSL. CAL AND TEST, SCM/PSA&M		2900895-011			↑	↑	↑	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
161	AC	FIX., LIFT AND HAND., IMU		1015462-011			↑	↑	↑	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
160	AC	FIX., HAND., G AND N HARNESS		1901846-031			↑	↑	↑	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
159	AC	BATTERY POWER PACK		1900011-031			B	II	NOTE 11C																																						
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222			A	I	NOTE 11B																																						
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222			↑	↑	↑	FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																						
156	AC	POWER & SERVO ASSEMBLY C/M		2007200			↑	↑	↑																																						
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201			↑	↑	↑																																						
154	AC	PULSE TORQUE ASSEMBLY - LEM		6007000			↑	↑	↑																																						
153	AC	POWER & SERVO ASSEMBLY - LEM		6007200			A	I	NOTE 11B																																						
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011			↑	↑	↑																																						
150	AC	JUNCTION BOX, P.S.A./GSE.		1901933-021			↑	↑	↑	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
149	AC	BATTERY PACK, LIFTING		2900612-011			↑	↑	↑	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
148	AC	MOUNTING PLATE, COMPONENT		6900007-011			↑	↑	↑	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
147	AC	MOUNTING PLATE, COMPONENT		2900677-011			↑	↑	↑																																						
146	AC	CART, TRANS, G AND N		1900005-041			↑	↑	↑																																						
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS-9-497	B	II	NOTE 11C	4.125	11.812	3.250	NA	.125	.062	.12	.156	.188 .156		.125	1.625	1.140	.890	.640	1.390	.725	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
144	AC	FIX., MOUNTING, G AND N		1902204-021			B	II	NOTE 11C	4.125	11.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	1.390	.725	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
143	AC	CSL, COOL. AND PWR, G AND N		1902134-021						4.125	11.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	1.390	.725	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011						4.125	11.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
141	AC	CONT, TEMP, PORTABLE		2900360-011						2.125	.968	1.718		.093	.031	.06	.093			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011						4.125	11.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011																																										
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021																																										
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011																																										
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011																																										
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																										
134	AC	FIX., HAND., G AND N HARNESS		2900069-011																																										
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011																																										
132	AC	FIX., MOUNTING, G AND N		2900067-011																																										
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																										
130	AC	TESTER, GYRO WHEEL		2900061-011																																										
129	AC	COOLANT SUPPLY		1902133-021																																										
128	AC	TABLE, ROTARY		1920926-021						4.125	11.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
127	AC	FIX., HAND., OPTICS		2900074-011						2.125	.968	1.718		.093	.031	.06	.093			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
126	AC	FIXTURE, MTG., PTA/PEA.		2900066-011																																									
125	AC	CONT, TEMP, IMU LIFTING		2900063-011																																									
124	AC	FIXTURE, HANDLING, IMU		2900064-011																																									
123	AC	CONT, OPTICS, REMOTE		1902046-021																																									
122	AC	TEST CONTROL		1902009-021																																										
121	AC	ADPT MODULE, P.S.A.		1902431-021																																									
120	AC	BRIDGE, DECADE ERROR		2900128-011																																									
119	AC	PWR SUP, ELECTRONICS		2900012-011																																									
118	AC	PWR SUP, RELAY AND LAMP		1900049-031																																									
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021																																									
116	AC	ADPT MODULE, P.S.A.		1902431-011																																									
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011																																									
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																									
113	AC	CONTROL, GIMBAL POSITION		2900036-011																																									
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																									
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																									
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																									
109	AC	PANEL, MONITOR		2900031-011																																										
108	AC	PANEL, AUXILIARY INPUT		2900030-011																																									
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																									
106	AC	TEST SELECTOR		2900028-011																																										
105	AC	TEST CONTROL		2900027-011																																										
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																									
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																									
102	AC	VOLTMETER, DIGITAL		2900007-041			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.156 .093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
101	AC	NAVIGATION BASE ASSEMBLY - LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA				
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA				

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

NOTE: AC DASH NO's. CONT. ON SH.6

MASTER

AC ELECTRONICS DASH NUMBERS

THIS SHEET ADDED
© REPLACES REV F WITH CHANGE

REVISIONS					
SYM	ZONE	DESCRIPTION	DIR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			7/27/66	
H		REVISED PER TDRR 20892			8/16/66	
J		REVISED PER TDRR 20904			8/31/66	
K		REVISED PER TDRR 21379			9/26/66	
L		REVISED PER TDRR 21410			9/30/66	
M		REVISED PER TDRR 21993			11/7/66	
N		REVISED PER TDRR 22621			1/11/67	
P		REVISED PER TDRR 22671			1/11/67	
R		REVISED PER TDRR 22672			1/11/67	
S		REVISED PER TDRR 22750			1/25/67	
T		REVISED PER TDRR 22823			2/3/67	
U		REVISED PER TDRR 23072			3/3/67	
V		REVISED PER TDRR 24527			10/26/67	
W		REVISED PER TDRR 25824	RAJ		1-9-68	
Y		REVISED PER TDRR 24018	RAJ		11-16-67	
Z		REVISED PER TDRR 24040	RAJ		11-9-67	
AA		REVISED PER TDRR 24060	RAJ		11-16-67	
AB		REVISED PER TDRR 24868	RAJ		12-26-67	
AC		REVISED PER TDRR 24973	RAJ		1-5-68	
AD		REVISED PER TDRR 25065	RAJ		1-16-68	
AE		REVISED PER TDRR 25672	RAJ		2-14-68	
AF		REVISED PER TDRR 25671	RAJ		2-14-68	
AG		REVISED PER TDRR 26110	RAJ		3-5-68	
AH		REVISED PER TDRR 26372	"		3-19-68	
AJ		REVISED PER TDRR 26425	"		3-19-68	
AK		REVISED PER TDRR 26743	"		3-19-68	
AL		REVISED PER TDRR 26798	"		3-19-68	
AM		REVISED PER TDRR 27195	"		4-8-68	
AN		REVISED PER TDRR 27235	"		4-8-68	
AP		REVISED PER TDRR 27345	"		4-8-68	
AR		REVISED PER TDRR 27417	"		4-8-68	
AS		REVISED PER TDRR 27442	"		4-8-68	
AT		REVISED PER TDRR 27719	"		4-21-68	
AU		REVISED PER TDRR 27880	"		4-21-68	
AV		REVISED PER TDRR 27896	"		4-21-68	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

LIST OF MATERIALS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN R. O. Lange 7-16-65
CHECKED D. J. Lange 7-22-65
APPROVED
APPROVED W. Hoffman 7-26-65

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

APPROVED MIT W. Hoffman 7-26-65
APPROVED MSC Robert Piland 7/26/65
DATE

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 4 OF 6

1004260 AV

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
199	AC	CE STOWAGE UNIT		2021255-011																																											
198	AC	CONDITIONER ASSY C/M		2007234		NAS 9-497		A	I	NOTE 11B																																							
197	AC	CONDITIONER ASSY C/M		2007235																																												
196	AC	CONDITIONER ASSY LEM		6007010																																											
195	AC	& SIGNAL CONDITIONER ASSY		6007009						NOTE 11B																																							
194	AC	PANEL, MONITOR		2900031-031				B	II	NOTE 11C																																							
193	AC	DISTRIBUTION BOX, G S E		2900224-031																																											
192	AC	ANALYZER, OPTICS-INERTIAL		2900223-031																																										
191	AC	TEST CONTROL		2900227-031																																											
190	AC	PANEL, PWR SUP AND LOAD		2900233-021																																											
189	AC	ADPT MODULE, P.S.A.		6900088-011																																											
188	AC	ADPT MODULE, P.S.A.		2901143-011																																											
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021		NAS 9-497		B	II	NOTE 11C																																							
186	AC	ADJ PNL & EYEPIECE STOW. ASSY		1021255-021				A	I																																							
185	AC	ADJ PNL & EYEPIECE STOW. ASSY		1021255-011				B	II	NOTE 11C																																							
184	AC	F/W HAND., G AND N HARNESS		1901846-041		NAS 9-497		B	II	NOTE 11C																																							
183	AC	INSTALLING TOOL, ELEC, CONN		1902586-011				B	II	NOTE 11C																																							
182	AC	ADPT MODULE, P.S.A.		6900088-011				B	II	NOTE 11C																																							
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011				A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.906	.688	1.500	NA	.281	.125	NA	1.094	2.062	.312	NA	2.500	.062	.125	1.312	.469	NA	NA	NA	.156	NA	.125	.469	.344	NA
180	AC	ADPT MODULE, P.S.A.		1902431-031				B	II																																						
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011																																											
178	AC	MOUNTING PLATE, COMPONENT		6900007-021																																											
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021																																											
176	AC	FIX., MOUNTING, G AND N		2900067-021																																											
175	AC	CSL, COOL. AND PWR, G AND N		1902134-031																																											
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011						NOTE 11C																																						
173	AC	FIX., HANDLING, C/M PSA		2900998-011																																											
172	AC	CAGING ELECTRONICS, GYRO		2900029-021																																											
171	AC	DISTRIBUTION BOX, GSE		2900024-021																																											
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021																																											
169	AC	ADPT, TEST POINT, P.S.A.		2900037-021																																											
168	AC	TEST SELECTOR		2900028-021																																											
167	AC	TEST CONTROL		2900027-021																																											
166	AC	PANEL, MONITOR		2900031-021																																											
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011																																											
164	AC	INPUT/OUTPUT PANEL		2900926-011																																											
163	AC	CONTROL PANEL		2900896-011																																											
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011																																											
161	AC	FIX., LIFT AND HAND., IMU		1C154E2-011																																											
160	AC	FIX., HAND., G AND N HARNESS		1901846-031																																											
159	AC	BATTERY POWER MACK		1900011-031				B	II	NOTE 11C																																							
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222				A	I	NOTE 11B																																							
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222																																												
156	AC	POWER & SERVO ASSEMBLY C/M		2007200																																											
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201																																											
154	AC	PULSE TORQUE ASSEMBLY - LEM		6007000																																											
153	AC	POWER & SERVO ASSEMBLY - LEM		6007200				A	I	NOTE 11B																																							
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011				B	II	NOTE 11C																																							
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011																																											
150	AC	JUNCTION BOX, PSA/GSE		1901933-021																																											
149	AC	BATTERY PACK, LIFTING		2900812-011																																											
148	AC	MOUNTING PLATE, COMPONENT		6900007-011																																											
147	AC	MOUNTING PLATE, COMPONENT		2900677-011																																											
146	AC	CART, TRANS, G AND N		1900005-041																																											
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS9-497		B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.156 .094		.125	1.625	1.140	.890	.640	1.390	.125	1.71	.125	1.875	1.687	2.625	.250	1.563	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
144	AC	FIX., MOUNTING, G AND N		1902204-021				B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.156 .094		.125	1.625	1.140	.890	.640	1.390	.125	1.71	.125	1.875	1.687	2.625	.250	1.563	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
143	AC	CSL, COOL. AND PWR, G AND N		1902134-021							4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	1.390	.125	1.71	.125	1.875	1.687	2.625	.250	1.563	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011							4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	1.390	.125	1.71	.125	1.875	1.687	2.625	.250	1.563	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
141	AC	CONT. TEMP, PORTABLE		2900060-011							2.125	.968	1.718		.093	.031	.06	.093			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011							4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	1.390	.125	1.71	.125	1.875	1.687	2.625	.250	1.563	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011																																											
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021																																											
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011																																										
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011																																										
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																										
134	AC	FIX., HAND., G AND N HARNESS		2900069-011																																										
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011																																										
132	AC	FIX., MOUNTING, G AND N		2900067-011																																										
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																										
130	AC	TESTER, GYRO WHEEL		2900061-011																																										
129	AC	COOLANT SUPPLY		1902133-021							4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	1.390	.125	1.71	.125	1.875	1.687	2.625	.250	1.563	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
128	AC	TABLE, ROTARY		1500826-021							2.125	.968	1.718		.093	.031	.06	.093			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
127	AC	FIX., HAND., OPTICS		2900074-011																																										
126	AC	FIXTURE, MTG, PTA/PEA.		2900066-011																																										
125	AC	CONT, TEMP, IMU LIFTING		2900063-011																																										
124	AC	FIXTURE, HANDLING, IMU		2900064-011																																										
123	AC	CONT. OPTICS, REMOTE		1902046-021																																										
122	AC	TEST CONTROL		1902009-021																																										
121	AC	ADPT MODULE, P.S.A.		1902431-021																																										
120	AC	BRIDGE, DECADE ERROR		2900128-011																																										
119	AC	PWR SUP, ELECTRONICS		2900012-011																																										
118	AC	PWR SUP, RELAY AND LAMP		1900049-031																																										
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021																																										
116	AC	ADPT MODULE, P.S.A.		1902431-011																																										
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011																																										
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																										
113	AC	CONTROL, GIMBAL POSITION		2900036-011																																										
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																										
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																										
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																										
109	AC	PANEL, MONITOR		2900031-011																																										
108	AC	PANEL, AUXILIARY INPUT		2900030-011																																										
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																										
106	AC	TEST SELECTOR		2900028-011																																										
105	AC	TEST CONTROL		2900027-011																																										
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																										
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																										
102	AC	VOLTMETER, DIGITAL		2900007-011				B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.156 .094		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
101	AC	NAVIGATION BASE ASSEMBLY - LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

NOTE: AC DASH NO's. CONT. ON SH.6

MASTER

THIS SHEET ADDED
Ⓒ REPLACES REV F WITH CHANGE

AC ELECTRONICS DASH NUMBERS

SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20654			7/1/65	
H		REVISED PER TDRR 20892			6/1/65	
J		REVISED PER TDRR 20904			7/1/65	
K		REVISED PER TDRR 21379			8/1/65	
L		REVISED PER TDRR 21410			8/1/65	
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22021				
P		REVISED PER TDRR 22071				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23172				
V		REVISED PER TDRR 23527				
W		REVISED PER TDRR 23824	RAJ		11-9-65	
Y		REVISED PER TDRR 24018	RAJ		11-16-65	
Z		REVISED PER TDRR 24040	RAJ		11-19-65	
AA		REVISED PER TDRR 24060	RAJ		11-19-65	
AB		REVISED PER TDRR 24358	RAJ		12-2-65	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-18-66	
AE		REVISED PER TDRR 25372	RAJ		2-4-66	
AF		REVISED PER TDRR 25571	RAJ		2-4-66	
AG		REVISED PER TDRR 25710	RAJ		2-15-66	
AH		REVISED PER TDRR 2572	"		3-16-66	
AJ		REVISED PER TDRR 25425	"		3-16-66	
AK		REVISED PER TDRR 25743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27158	"		4-8-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-21-66	
AU		REVISED PER TDRR 27880	"		4-21-66	
AV		REVISED PER TDRR 27896	"		4-21-66	
AW		28110	"		5-16-66	
AY		28173	"			
AZ		28131	"			
BA		28124	"			
BB		REVISED PER TDRR 28511	"		5-16-66	

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± —— ±.005 ± —
DO NOT SCALE THIS DRAWING
MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY USED ON
APPLICATION

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN R.C. Long 7-1-66
CHECKED D.J. Rupp 7-22-66
APPROVED
APPROVED W.W. Hopkins 7-22-66
APPROVED MIT W.W. Hopkins 7-22-66
APPROVED MSC A.L. Lee 7-26-66
DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230
SIZE E
DRAWING NO. 1004260
SCALE NONE
SHEET 4 OF 6

1004260 SH

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
199	AC	EYEPIECE STOWAGE UNIT		2021255-081																																											
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234		NAS 9-497	A	I	NOTE 11B																																								
197	AC	SIGNAL CONDITIONER ASSY C/W		2007235						FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																								
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010																																											
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009			A	I	NOTE 11B																																							
194	AC	PANEL, MONITOR		2900031-031			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
193	AC	DISTRIBUTION BOX, G S E		2900024-031						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031																																											
191	AC	TEST CONTROL		2900027-031																																											
190	AC	PANEL, PWR SUP AND LOAD		2900033-021						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
189	AC	ADPT MODULE, P. S.A.		6900088-011																																											
188	AC	ADPT MODULE, P. S.A.		2901431-031																																											
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021		NAS 9-497	B	II	NOTE 11C																																							
186	AC	ANN PNL & EYEPIECE STOW. ASSY		1021255-021			A	I		FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																							
185	AC	ANN PNL & EYEPIECE STOW. ASSY		1021255-011			A	I																																							
184	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS 9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
183	AC	INSTALLING TOOL, ELEC. CONN		1902586-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 104 VALUES BELOW																																							
182	AC	ADPT MODULE, P.S.A.		6900088-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
81	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011			A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.906	.688	1.500	NA	.281	.125	NA	1.094	2.062	.312	NA	2.500	.062	.125	1.312	.469	NA	NA	NA	.156	NA	.125	.469	.344	NA
80	AC	ADPT MODULE, P.S.A.		1902431-031			B	II		FOR DIMENSIONS, SEE DASH 121 VALUES BELOW																																							
79	AC	MOUNTING PLATE, IMU/PTA		6900083-011																																											
78	AC	MOUNTING PLATE, COMPONENT		6900007-021						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
77	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021																																											
176	AC	FIX., MOUNTING, G AND N		2900067-021																																										
175	AC	CSL, COOL. AND PWR, G AND N		1902134-031																																											
174	AC	FIX., HAND., C/M AND LEM CDU		2900998-011			A	I	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
173	AC	FIX., HANDLING, C/M PSA		2900998-011																																											
172	AC	CAGING ELECTRONICS, GYRO		2900029-021																																											
171	AC	DISTRIBUTION BOX, G S E		2900024-021						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021																																											
169	AC	ADPT, TEST POINT, P.S.A.		2900037-021																																											
168	AC	TEST SELECTOR		2900028-021																																											
167	AC	TEST CONTROL		2900027-021																																											
166	AC	PANEL, MONITOR		2900031-021																																											
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
164	AC	INPUT/OUTPUT PANEL		2900926-011																																											
163	AC	CONTROL PANEL		2900896-011																																											
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
161	AC	FIX., LIFT AND HAND., IMU		1015462-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
160	AC	FIX., HAND., G AND N HARNESS		1901846-051						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
159	AC	BATTERY POWER PACK		1900011-031			B	II	NOTE 11C																																							
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222			A	I	NOTE 11B																																							
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222																																											
156	AC	POWER & SERVO ASSEMBLY C/M		2007200						FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																							
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201																																											
154	AC	PULSE TORQUE ASSEMBLY - LEM		6007000																																										
153	AC	POWER & SERVO ASSEMBLY - LEM		6007200			A	I	NOTE 11B																																							
152	AC	CONT PNL, RSVR CKT TESTER		2900700-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
150	AC	JUNCTION BOX, PSA/GSE.		1901933-021						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
149	AC	BATTERY PACK, LIFTING		2900812-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
148	AC	MOUNTING PLATE, COMPONENT		6900007-011																																											
147	AC	MOUNTING PLATE, COMPONENT		2900677-011																																											
146	AC	CART, TRANS, G AND N		1900005-041																																											
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS9-497	B	II	NOTE 11C																																							
144	AC	FIX., MOUNTING, G AND N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.093	.128	.125	1.625	1.140	.890	.640	1.390	.125	1.71	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
143	AC	CSL, COOL. AND PWR, G AND N		1902134-021						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	1.390	.125	1.71	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	1.390	.125	1.71	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
141	AC	CONT, TEMP, PORTABLE		2900060-011						2.125	.968	1.718		.093	.031	.06	.093			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	1.390	.125	1.71	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011																																											
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021																																											
137	AC	FIX., MOUNTING, IMU/N.V BASE		6900003-011																																											
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011																																											
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																											
134	AC	FIX., HAND., G AND N HARNESS		2900069-011																																											
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011																																											
132	AC	FIX., MOUNTING, G AND N		2900067-011																																											
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																											
130	AC	TESTER, GYRO WHEEL		2900061-011																																											
129	AC	COOLANT SUPPLY		1902133-021																																											
128	AC	TABLE, ROTARY		1900926-021						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	1.390	.125	1.71	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
127	AC	FIX., HAND., OPTICS		2900074-011						2.125	.968	1.718		.093	.031	.06	.093			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
126	AC	FIXTURE, MTG, PTA/PEA.		2900066-011																																											
125	AC	CONT, TEMP, IMU LIFTING		2900063-011																																											
124	AC	FIXTURE, HANDLING, IMU		2900064-011																																											
123	AC	CONT, OPTICS, REMOTE		1902046-021																																											
122	AC	TEST CONTROL		1902029-021																																											
121	AC	ADPT MODULE, P.S.A.		1902431-021																																											
120	AC	BRIDGE, DECADE ERROR		2900128-011																																											
119	AC	PWR SUP, ELECTRONICS		2900012-011																																											
118	AC	PWR SUP, RELAY AND LAMP		1900049-031																																											
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021																																											
116	AC	ADPT MODULE, P.S.A.		1902431-011																																											
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011																																											
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																											
113	AC	CONTROL, GIMBAL POSITION		2900036-011																																											
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																											
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																											
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																											
109	AC	PANEL, MONITOR		2900031-011																																											
108	AC	PANEL, AUXILIARY INPUT		2900030-011																																											
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																											
106	AC	TEST SELECTOR		2900028-011																																											
105	AC	TEST CONTROL		2900027-011																																											
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																											
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																											
102	AC	VOLTMETER, DIGITAL		2900107-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
101	AC	NAVIGATION BASE ASSEMBLY - LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			11-16-65	
H		REVISED PER TDRR 20892			12-6-65	
J		REVISED PER TDRR 20904			12-9-65	
K		REVISED PER TDRR 21379			12-16-65	
L		REVISED PER TDRR 21410			12-15-65	
M		REVISED PER TDRR 21993			1-10-66	
N		REVISED PER TDRR 22621			1-19-66	
P		REVISED PER TDRR 22671			1-19-66	
R		REVISED PER TDRR 22672			1-19-66	
S		REVISED PER TDRR 22750			1-19-66	
T		REVISED PER TDRR 22823			1-19-66	
U		REVISED PER TDRR 23072			1-19-66	
V		REVISED PER TDRR 23521			1-26-66	
W		REVISED PER TDRR 23824	RAJ		1-9-65	
Y		REVISED PER TDRR 24018	RAJ		11-16-65	
Z		REVISED PER TDRR 24040	RAJ		11-19-65	
AA		REVISED PER TDRR 24060	RAJ		11-19-65	
AB		REVISED PER TDRR 24868	RAJ		12-22-65	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-18-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-15-66	
AH		REVISED PER TDRR 26372	"		3-6-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-8-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-21-66	
AU		REVISED PER TDRR 27880	"		4-21-66	
AV		REVISED PER TDRR 27896	"		4-21-66	
AW		28110	"		5-16-66	
AY		28173	"			
AZ		28131	"			
BA		28124	"			
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	

THIS SHEET ADDED

Ⓖ REPLACES REV F WITH CHANGE

AC ELECTRONICS DASH NUMBERS

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

NOTE: AC DASH NO'S. CONT. ON SH.6

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
	LIST OF MATERIALS			

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS DECIMALS ANGLES ± .005 ±
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 11

AS APPLICABLE | NEXT ASSY | USED ON | APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN R.C. Jones 7-16-65
CHECKED D.J. Lange 7-22-65
APPROVED
APPROVED W.W. Wyatt 7-26-65
APPROVED MIT W.W. Wyatt 7/26/65
APPROVED MSC [illegible] 7/26/65

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 4 OF 6

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
199	AC	EYEPIECE STOWAGE UNIT		2021275-011			A	I																																						
198	AC	SIGNAL CONDITIONER ASSY C/M		2007224	NAS 9-497		A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																						
197	AC	SIGNAL CONDITIONER ASSY C/M		2007235																																											
196	AC	SIGNAL CONDITIONER ASSY LEM		6007009-0																																											
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009			A	I	NOTE IIB																																						
194	AC	PANEL, MONITOR		2900031-031			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
193	AC	DISTRIBUTION BOX, GSE		2900024-031						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
191	AC	TEST CONTROL		2900027-031																																										
190	AC	PANEL, PWR SUP AND LOAD		2900033-021						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
189	AC	ADPT MODULE, P.S.A.		6900088-011																																										
188	AC	ADPT MODULE, P.S.A.		2901143-011																																										
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021	NAS 9-497		B	II	NOTE IIC																																						
186	AC	CONT PNL & EYEPIECE STOW. ASSY		1021255-021			A	I		FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																						
185	AC	CONT PNL & EYEPIECE STOW. ASSY		1021255-031			A	I																																						
184	AC	FIX, HAND., G AND N HARNESS		1901846-041	NAS 9-497		B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
183	AC	INSTALLING TOOL, ELEC. CONN		1902586-011			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 102 VALUES BELOW																																						
182	AC	ADPT MODULE, P.S.A.		6900088-011			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
181	AC	G&N INDICATOR CONTROL PANEL ASSY		2014578-011			A	I	NOTE IIB	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.906	.688	1.500	NA	.281	.125	NA	1.094	2.062	.312	NA	2.500	.062	.125	1.312	.469	NA	NA	NA	.156	NA	.125	.469	.344	NA				
180	AC	ADPT MODULE, P.S.A.		1902431-031			B	II		FOR DIMENSIONS, SEE DASH 121 VALUES BELOW																																						
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
178	AC	MOUNTING PLATE, COMPONENT		6900007-021																																										
177	AC	FIX., MOUNTING, SUB SYSTEM		2900070-021																																									
176	AC	FIX., MOUNTING, G AND N		2900067-021																																									
175	AC	CSL, COOL, AND PWR, G AND N		1902134-031																																									
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011					NOTE IIC	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
173	AC	FIX., HANDLING, C/M PSA		2900998-011																																									
172	AC	CAGING ELECTRONICS, GYRO		2900029-021						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
171	AC	DISTRIBUTION BOX, GSE		2900024-021																																									
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
169	AC	ADPT, TEST POINT, P.S.A.		2900037-021																																									
168	AC	TEST SELECTOR		2900028-021																																									
167	AC	TEST CONTROL		2900027-021																																										
166	AC	PANEL, MONITOR		2900031-021																																									
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
164	AC	INPUT/OUTPUT PANEL		2900926-011																																										
163	AC	CONTROL PANEL		2900896-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
161	AC	FIX., LIFT AND HAND., IMU		1015462-011																																										
160	AC	FIX., HAND., G AND N HARNESS		1901846-031																																										
159	AC	BATTERY POWER PACK		1900011-031			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		6007222			A	I	NOTE IIB																																						
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222																																										
156	AC	POWER & SERVO ASSEMBLY C/M		2007200						FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																						
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201																																									
154	AC	PULSE TORQUE ASSEMBLY - LEM		6007000																																									
153	AC	POWER & SERVO ASSEMBLY -LEM		6007200			A	I	NOTE IIB																																						
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011																																									
150	AC	JUNCTION BOX, P.S.A./GSE		1901933-021						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
149	AC	BATTERY PACK, LIFTING		2900612-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
148	AC	MOUNTING PLATE, COMPONENT		6900007-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
147	AC	MOUNTING PLATE, COMPONENT		2900677-011																																										
146	AC	CART, TRANS, G AND N		1900005-041																																									
145	AC	CONTAINER, SHIPPING, IMU		1900010-021	NAS9-497		B	II	NOTE IIC																																						
144	AC	FIX., MOUNTING, G AND N		1902204-021			B	II	NOTE IIC	4.125	1.812	3.250	NA	.125	.062	.12	.156	.156 .125		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.563	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875				
143	AC	CSL, COOL, AND PWR, G AND N		1902134-021						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.563	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875				
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.563	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875				
141	AC	CONT, TEMP, PORTABLE		2900060-011						2.125	.968	1.718		.093	.031	.06	.093			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938				
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.563	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875				
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011																																										
138	AC	SIMULATOR, LD/SIG, OPTICS		1902203-021																																										
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900063-011																																										
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011																																										
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																										
134	AC	FIX., HAND., G AND N HARNESS		2900069-011																																										
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011																																										
132	AC	FIX., MOUNTING, G AND N		2900067-011																																										
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																										
130	AC	TESTER, GYRO WHEEL		2900061-011																																										
129	AC	COOLANT SUPPLY		1902133-021																																										
128	AC	TABLE, ROTARY		1900926-021						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.563	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875				
127	AC	FIX., HAND., OPTICS		2900074-011						2.125	.968	1.718		.093	.031	.06	.093			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938				
126	AC	FIXTURE, MTG, PTA/PEA.		2900066-011																																										
125	AC	CONT, TEMP, IMU LIFTING		2900063-011																																										
124	AC	FIXTURE, HANDLING, IMU		2900064-011																																										
123	AC	CONT, OPTICS, REMOTE		1902046-021																																										
122	AC	TEST CONTROL		1902009-021																																										
121	AC	ADPT MODULE, P.S.A.		1902431-021																																										
120	AC	BRIDGE, DECADE ERROR		2900128-011																																										
119	AC	PWR SUP, ELECTRONICS		2900012-011																																										
118	AC	PWR SUP, RELAY AND LAMP		1900049-031																																										
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021																																										
116	AC	ADPT MODULE, P.S.A.		1902431-011																																										
115	AC	ADPT, TEST POINT, PTA/PEA.		2900195-011																																										
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																										
113	AC	CONTROL, GIMBAL POSITION		2900036-011																																										
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																										
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																										
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																										
109	AC	PANEL, MONITOR		2900031-011																																										
108	AC	PANEL, AUXILIARY INPUT		2900030-011																																										
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																										
106	AC	TEST SELECTOR		2900028-011																																										
105	AC	TEST CONTROL		2900027-011																																										
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																										
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																										
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	.156 .093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938				
101	AC	NAVIGATION BASE ASSEMBLY - LEM		6899950	NAS-9-497		A	I	NOTE IIB	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA				
100	AC	NAVIGATION BASE ASSEMBLY		2899982	NAS-9-497		A	I	NOTE IIB	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA				

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

NOTE: AC DASH NO'S. CONT. ON SH. 6

MASTER

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			7-14-65	WK
H		REVISED PER TDRR 20892			6-24-65	WK
J		REVISED PER TDRR 20904			6-24-65	WK
K		REVISED PER TDRR 21379			8-16-65	WK
L		REVISED PER TDRR 21410			8-19-65	WK
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072				
V		REVISED PER TDRR 23521			10-26-65	WK
W		REVISED PER TDRR 23824	RAJ		11-9-65	WK
Y		REVISED PER TDRR 24018	RAJ		11-16-65	WK
Z		REVISED PER TDRR 24040	RAJ		11-19-65	WK
AA		REVISED PER TDRR 24060	RAJ		11-19-65	WK
AB		REVISED PER TDRR 24868	RAJ		12-22-65	WK
AC		REVISED PER TDRR 24973	RAJ		1-4-66	WK
AD		REVISED PER TDRR 25065	RAJ		1-14-66	WK
AE		REVISED PER TDRR 25672	RAJ		2-4-66	WK
AF		REVISED PER TDRR 25671	RAJ		2-4-66	WK
AG		REVISED PER TDRR 26110	RAJ		2-15-66	WK
AH		REVISED PER TDRR 26372	"		3-16-66	WK
AJ		REVISED PER TDRR 26425	"		3-16-66	WK
AK		REVISED PER TDRR 26743	"		3-16-66	WK
AL		REVISED PER TDRR 26798	"		3-16-66	WK
AM		REVISED PER TDRR 27168	"		4-8-66	WK
AN		REVISED PER TDRR 27235	"		4-8-66	WK
AP		REVISED PER TDRR 27345	"		4-8-66	WK
AR		REVISED PER TDRR 27417	"		4-8-66	WK
AS		REVISED PER TDRR 27442	"		4-8-66	WK
AT		REVISED PER TDRR 27719	"		4-21-66	WK
AU		REVISED PER TDRR 27880	"		4-21-66	WK
AV		REVISED PER TDRR 27896	"		4-21-66	WK
AW		" " " 28110	"		5-16-66	WK
AY		" " " 28173	"		"	"
AZ		" " " 28131	"		"	"
BA		" " " 28124	"		"	"
BB		REVISED PER TDRR 28511	"		5-16-66	WK
BC		" " " 28943	"		5-24-66	WK
BD		" " " 29222	"		6-8-66	WK
BE		" " " 29235	"		"	"

THIS SHEET ADDED
Ⓒ REPLACES REV F WITH CHANGE

A.C. ELECTRONICS DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS ± —, DECIMALS ± —, ANGLES ± —
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 11
AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN	R. A. Young	7-16-65
CHECKED	D. J. Lange	7-22-65
APPROVED		
APPROVED		
APPROVED MIT		
APPROVED MSC		DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260 | SCALE NONE | SHEET 4 OF 6

1004260 Rev

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
199	AC	EYEPIECE STOWAGE UNIT		2021255-011																																											
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234		NAS 9-497	A	I	NOTE 113	FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																								
197	AC	SIGNAL CONDITIONER ASSY C/M		2007235																																												
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010			A	I	NOTE 11B																																								
195	AC	P.S.A. & SIGNAL CONDITIONER ASSY		6007009																																												
194	AC	PANEL, MONITOR		2900031-031			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																								
93	AC	DISTRIBUTION BOX, G S E		2900024-031						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																								
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031																																												
191	AC	TEST CONTROL		2900027-031						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																								
190	AC	PANEL, PWR SUP AND LOAD		2900033-021																																											
189	AC	ADPT MODULE, P.S.A.		6900088-011																																											
188	AC	ADPT MODULE, P.S.A.		2901143-011																																											
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021		NAS 9-497	B	II	NOTE 11C																																							
186	AC	ANN PNL & EYEPIECE STOW ASSY		1021255-021			A	I		FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																								
185	AC	ANN PNL & EYEPIECE STOW ASSY		1021255-011			A	I																																								
184	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS 9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
183	AC	INSTALLING TOOL, ELEC, CONN		1902586-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 102 VALUES BELOW																																								
182	AC	ADPT MODULE, P.S.A.		6900088-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																								
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011			A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.906	.688	1.500	NA	.281	.125	NA	1.094	2.062	.312	NA	2.500	.062	.125	1.312	.469	NA	NA	NA	.156	NA	.125	.469	.344	NA
180	AC	ADPT MODULE, P.S.A.		1902431-031			B	II		FOR DIMENSIONS, SEE DASH 121 VALUES BELOW																																								
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011																																											
178	AC	MOUNTING PLATE, COMPONENT		6900007-021						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																								
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021																																											
176	AC	FIX., MOUNTING, G AND N		2900067-021																																											
175	AC	CSL, COOL. AND PWR, G AND N		1902134-031																																											
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011			A	I	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																								
173	AC	FIX., HANDLING, C/M PSA		2900998-011																																											
172	AC	CAGING ELECTRONICS, GYRO		2900029-021						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																								
171	AC	DISTRIBUTION BOX, GSE		2900024-021																																											
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021																																											
169	AC	ADPT, TESTPOINT, P.S.A.		2900037-021																																											
168	AC	TEST SELECTOR		2900028-021																																											
167	AC	TEST CONTROL		2900027-021																																											
166	AC	PANEL, MONITOR		2900031-021																																											
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																								
164	AC	INPUT/OUTPUT PANEL		2900926-011																																											
163	AC	CONTROL PANEL		2900896-011						FOR DIMENSIONS, SEE DASH144 VALUES BELOW																																								
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																								
161	AC	FIX., LIFT AND HAND., IMU		1015462-011																																											
160	AC	FIX., HAND., G AND N HARNESS		1901846-031						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																								
159	AC	BATTERY POWER PACK		1900011-031			B	II	NOTE 11C																																								
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222			A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW																																								
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222																																												
156	AC	POWER & SERVO ASSEMBLY C/M		2007200						2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201																																											
154	AC	PULSE TORQUE ASSEMBLY - LEM		6007000						FOR DIMENSIONS SEE DASH 100 VALUES BELOW																																								
153	AC	POWER & SERVO ASSEMBLY - LEM		6007200			A	I	NOTE 11B																																								
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																								
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																								
150	AC	JUNCTION BOX, PSA/GSE		1901933-021						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																								
149	AC	BATTERY PACK, LIFTING		2900812-011																																											
148	AC	MOUNTING PLATE, COMPONENT		6900007-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																								
147	AC	MOUNTING PLATE, COMPONENT		2900677-011																																											
146	AC	CART, TRANS, G AND N		1900005-041																																											
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS 9-497	B	II	NOTE 11C																																							
144	AC	FIX., MOUNTING, G AND N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.188 .138	.125	1.625	1.140	.890	.640	.390	.725	1.71	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
143	AC	CSL, COOL. AND PWR, G AND N		1902134-021						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	1.71	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	1.71	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
141	AC	CONT, TEMP, PORTABLE		2900060-011						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	1.71	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011																																											
138	AC	SIMULATOR, LD/SIG, OPTICS		1902203-021																																											
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011																																											
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011																																											
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																											
134	AC	FIX., HAND., G AND N HARNESS		2900069-011																																											
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011																																											
132	AC	FIX., MOUNTING, G AND N		2900067-011																																											
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																											
130	AC	TESTER, GYRO WHEEL		2900061-011																																											
129	AC	COOLANT SUPPLY		1902133-021						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	1.71	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
128	AC	TABLE, ROTARY		1902626-021						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
127	AC	FIX., HAND., OPTICS		2900074-011																																											
126	AC	FIXTURE, MTG, PTA/PEA.		2900066-011																																											
125	AC	CONT, TEMP, IMU LIFTING		2900063-011																																											
124	AC	FIXTURE, HANDLING, IMU		2900064-011																																											
123	AC	CONT, OPTICS, REMOTE		1902046-021																																											
122	AC	TEST CONTROL		1902009-021																																											
121	AC	ADPT MODULE, P.S.A.		1902431-021																																											
120	AC	BRIDGE, DECADE, ERROR		2900128-011																																											
119	AC	PWR SUP, ELECTRONICS		2900012-011																																											
118	AC	PWR SUP, RELAY AND LAMP		1900049-031																																											
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021																																											
116	AC	ADPT MODULE, P.S.A.		1902431-011																																											
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011																																											
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																											
113	AC	CONTROL, GIMBAL POSITION		2900036-011																																											
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																											
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																											
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																											
109	AC	PANEL, MONITOR		2900031-011																																											
108	AC	PANEL, AUXILIARY INPUT		2900030-011																																											
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																											
106	AC	TEST SELECTOR		2900028-011																																											
105	AC	TEST CONTROL		2900027-011																																											
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																											
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																											
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.188 .138	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
101	AC	NAVIGATION BASE ASSEMBLY - LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

BYM	ZONE	REVISIONS — REV. DESCRIPTION	BY	CHK	DATE	APPROVED
		02767				
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			12/1/65	
H		REVISED PER TDRR 20892			12/16/65	
J		REVISED PER TDRR 20904			12/21/65	
K		REVISED PER TDRR 21379			12/16/65	
L		REVISED PER TDRR 21410			12/16/65	
M		REVISED PER TDRR 21993			1-7-66	
N		REVISED PER TDRR 22621			1-7-66	
P		REVISED PER TDRR 22671			1-7-66	
R		REVISED PER TDRR 22672			1-7-66	
S		REVISED PER TDRR 22750			1-7-66	
T		REVISED PER TDRR 22823			1-7-66	
U		REVISED PER TDRR 23072			1-26-66	
V		REVISED PER TDRR 23521			2-26-66	
W		REVISED PER TDRR 23824	RAJ		3-9-66	
Y		REVISED PER TDRR 24018	RAJ		3-16-66	
Z		REVISED PER TDRR 24040	RAJ		3-19-66	
AA		REVISED PER TDRR 24060	RAJ		3-15-66	
AB		REVISED PER TDRR 24868	RAJ		3-22-66	
AC		REVISED PER TDRR 24973	RAJ		3-4-66	
AD		REVISED PER TDRR 25065	RAJ		3-18-66	
AF		REVISED PER TDRR 25672	RAJ		4-4-66	
AF		REVISED PER TDRR 25671	RAJ		4-4-66	
AG		REVISED PER TDRR 26110	RAJ		4-15-66	
AH		REVISED PER TDRR 26372	"		5-16-66	
AJ		REVISED PER TDRR 26425	"		5-16-66	
AK		REVISED PER TDRR 26743	"		5-16-66	
AL		REVISED PER TDRR 26798	"		5-16-66	
AV		REVISED PER TDRR 27168	"		4-8-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-21-66	
AU		REVISED PER TDRR 27880	"		4-21-66	
AW		REVISED PER TDRR 27896	"		4-21-66	
AW		2811O	"		5-16-66	
AY		28173	"		"	
AZ		28131	"		"	
BA		28124	"		"	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-26-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29322	"		6-24-66	
BG		" " " 2.9429	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		"	
BL		" " " 29696	"		6-29-66	

THIS SHEET ADDED

Ⓒ REPLACES REV F WITH CHANGE

AC ELECTRONICS DASH NUMBERS

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

NOTE: AC DASH NO's. CONT. ON SH.6

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ±— DECIMALS ±.005 ANGLES ±—
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE

NEXT ASSY	USED ON

APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN R.O. Lange 7/15/65
CHECKED A.J. Lupo 7-22-65
APPROVED
APPROVED W. Hopkins 8/2/65
APPROVED MIT W. Hopkins 8/2/65
APPROVED MSC 8/4/65

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | SHEET 4 OF 5

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
99	AC	EYEPIECE STOWAGE UNIT		2021255-011			A	I		NOTE 11B																																				
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234		NAS 9-497	A	I		NOTE 11B																																				
197	AC	SIGNAL CONDITIONER A SY C/M		2007235						FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																						
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010						NOTE 11B																																				
95	AC	P.S.A. & SIGNAL CONDITICNER ASSY		6027009						NOTE 11B																																				
194	AC	PANEL, MONITOR		2900031-021			B	II		NOTE 11C																																				
93	AC	DISTRIBUTION BOX, G S E		2900024-031						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
191	AC	TEST CONTROL		2900027-021																																									
190	AC	PANEL, PWR SUP AND LOAD		2900033-021						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
189	AC	ADPT MODULE, P.S.A.		2900088-011																																										
188	AC	ADPT MODULE, P.S.A.		2901143-011																																										
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021		NAS 9-497	B	II		NOTE 11C																																				
186	AC	ANN PNL & EYEPIECE STOW. ASSY		1021255-021			A	I		FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																						
185	AC	ANN PNL & EYEPIECE STOW. ASSY		1021255-011																																									
184	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS9-197	B	II		NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																				
183	AC	INSTALLING TOOL, ELEC. CONN		1902586-011			B	II		NOTE 11C	FOR DIMENSIONS, SEE DASH 102 VALUES BELOW																																						
182	AC	ADPT MODULE, P.S.A.		6900088-011			B	II		NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011			A	I		NOTE 11B	3.000	1.338	2.437	NA	.125	.062	.186	.156	NA	NA	1.750	.125	.906	.688	1.500	NA	.281	.125	NA	1.094	2.062	.312	NA	2.500	.062	.125	1.312	.469	NA	NA	NA	.156	NA	.125	.469	.344	NA
80	AC	ADPT MODULE, P.S.A.		1902431-031			B	II		FOR DIMENSIONS, SEE DASH 121 VALUES BELOW																																						
79	AC	MOUNTING PLATE, IMU/PTA		6900083-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
178	AC	MOUNTING PLATE, COMPONENT		6900007-021																																										
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021																																									
176	AC	FIX., MOUNTING, G AND N		2900067-021																																									
175	AC	CSL, COOL. AND PWR, G AND N		1902134-031																																									
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011						NOTE 11C																																				
73	AC	FIX., HANDLING, C/M PSA		2900998-011																																									
172	AC	CAGING ELECTRONICS, GYRO		2900029-021						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
17	AC	DISTRIBUTION BOX, GSE		2900024-021						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021																																									
169	AC	ADPT, TEST POINT, P.S.A.		2900037-021																																									
168	AC	TEST SELECTOR		2900028-021																																									
167	AC	TEST CONTROL		2900027-021																																										
166	AC	PANEL, MONITOR		2900031-021																																										
65	AC	TERM. BOARD STORAGE DRAWER		2900927-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
164	AC	INPUT OUTPUT PANEL		2900926-011																																									
163	AC	CONTROL PANEL		2900896-011																																									
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
161	AC	FIX., LIFT AND HAND., IMU		2900672-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
160	AC	FIX., HAND., G AND N HARNESS		1901846-031																																									
159	AC	BATTERY POWER PACK		1900011-031			B	II		NOTE 11C																																			
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222			A	I		NOTE 11B																																			
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222						FOR DIMENSIONS SEE DASH 100 VALUES BELOW																																						
156	AC	POWER & SERVO ASSEMBLY C/M		2007200							2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.480	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201																																								
154	AC	PULSE TORQUE ASSEMBLY - LEM		6007000						FOR DIMENSIONS SEE DASH 100 VALUES BELOW																																						
153	AC	POWER & SERVO ASSEMBLY - LEM		6007200			A	I		NOTE 11B																																			
152	AC	CONT PNL, RSVR CKT TESTER		2900709-011			B	II		NOTE 11C																																				
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
150	AC	JUNCTION BOX, P.S.A./GSE		1901933-021						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
149	AC	BATTERY PACK, LIFTING		2900814-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
148	AC	MOUNTING PLATE, COMPONENT		6900007-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
147	AC	MOUNTING PLATE, COMPONENT		2900677-011																																										
146	AC	CART, TRANS, G AND N		2900069-011																																									
45	AC	CONTAINER, SHIPPING, IMU		2900068-011																																									
144	AC	FIX., MOUNTING, G AND N		2900067-011																																									
143	AC	CSL, COOL, AND PWR, G AND N		2900062-011																																									
142	AC	ANALYZER, OPTICS-INERTIAL		2900061-011																																									
141	AC	CONT, TEMP, PORTABLE		1902133-021																																									
140	AC	TESTER, CKT, IMU/CDU RSVR		1902926-021																																									
139	AC	SIMULATOR, LD/SIG, CDU		2900074-011																																									
138	AC	SIMULATOR, LD/SIG, OPTICS		2900066-011																																									
137	AC	FIX., MOUNTING, IMU/NAV BASE		2900063-011																																									
136	AC	FIXTURE, DEPOSIT, GSE		2900064-011																																									
135	AC	FIX., MOUNTING, SUB SYSTEM		1902046-021																																									
134	AC	FIX., HAND., G AND N HARNESS		1902009-021																																									
133	AC	CNTR, SHIPPING, NAV BASE		1902431-021																																									
132	AC	FIX., MOUNTING, G AND N		2900128-011																																									
131	AC	SIMULATOR, LD/SIG, IMU/CDU		1900049-011																																									
130	AC	TESTER, GYRO WHEEL		1900049-031																																									
129	AC	COOLANT SUPPLY		1900049-021																																									
128	AC	TABLE, ROTARY		1900049-041																																										
127	AC	FIX., HAND., OPTICS		1902926-021							4.125	1.812	3.250		.125	.062	.12	.156			.25	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093													
126	AC	FIXTURE, MTG, PTA/PEA		2900074-011							2.125	.968	1.718		.093	.031	.06	.093			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046													
125	AC	CONT, TEMP, IMU LIFTING		2900066-011																																									
124	AC	FIXTURE, HANDLING, IMU		2900063-011																																									
123	AC	CONT, OPTICS, REMOTE		2900064-011																																									
122	AC	TEST CONTROL		1902046-021																																									
121	AC	ADPT MODULE, P.S.A.		1902009-021																																									
120	AC	BRIDGE, DECADE ERROR		1902431-021																																									
119	AC	PWR SUP, ELECTRONICS		2900128-011																																									
118	AC	PWR SUP, RELAY AND LAMP		1900049-011																																									
117	AC	CONSOLE, OSCILLOGRAPH		1900049-031																																									
116	AC	ADPT MODULE, P.S.A.		1900000-021																																									
115	AC	ADPT, TEST POINT, PTA/PEA.		1902431-011																																									
114	AC	ADPT, TEST POINT, P.S.A.		2900145-011																																									
113	AC	CONTROL, GIMBAL POSITION		2900037-011																																									
112	AC	SELECTOR, SIGNAL, PRIMARY		2900036-011																																									
111	AC	SEL, SIG, OSCILLOGRAPH		2900035-011																																									
110	AC	PANEL, PWR SUP AND LOAD		2900034-011																																									
109	AC	PANEL, MONITOR		2900033-011																																										
108	AC	PANEL, AUXILIARY INPUT		2900031-011																																									
107	AC	CAGING ELECTRONICS, GYRO		2900030-011																																									
106	AC	TEST SELECTOR		2900029-011																																									
105	AC	TEST CONTROL		2900028-011																																										
104	AC	MONITOR AND CONTROL, TEMP		2900027-011																																									
103	AC	DISTRIBUTION BOX, GSE		2900026-011																																									
102	AC	VOLTMETER, DIGITAL		2900024-011																																									
101	AC	NAVIGATION BASE ASSEMBLY - LEM		2-00007-011			B	II		NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
100	AC	NAVAGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I		NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
						NAS-9-497	A	I		NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE

STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

NOTE: AC DASH NO's. CONT. ON SH.6

AC ELECTRONICS DASH NUMBERS

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			9/6/65	
H		REVISED PER TDRR 20892			9/16/65	
J		REVISED PER TDRR 20904			9/16/65	
K		REVISED PER TDRR 21379			9/16/65	
L		REVISED PER TDRR 21410			9/16/65	
M		REVISED PER TDRR 21993			9/16/65	
N		REVISED PER TDRR 22621			9/16/65	
P		REVISED PER TDRR 22671			9/16/65	
R		REVISED PER TDRR 22672			9/16/65	
S		REVISED PER TDRR 22750			9/16/65	
T		REVISED PER TDRR 22823			9/16/65	
U		REVISED PER TDRR 23072			9/16/65	
V		REVISED PER TDRR 23527			10/26/65	
W		REVISED PER TDRR 23824	RAJ		10/26/65	
Y		REVISED PER TDRR 24018	RAJ		11/16/65	
Z		REVISED PER TDRR 24040	RAJ		11/16/65	
AA		REVISED PER TDRR 24060	RAJ		11/16/65	
AB		REVISED PER TDRR 24868	RAJ		12/22/65	
AC		REVISED PER TDRR 24973	RAJ		2-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-18-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		3-16-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27148	"		4-8-66	
AN		REVISED PER TDRR 27285	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-21-66	
AU		REVISED PER TDRR 27880	"		4-21-66	
AV		REVISED PER TDRR 27896	"		4-21-66	
AW		2810	"		5-16-66	
AY		28173	"		"	
AZ		28131	"		"	
BA		28124	"		"	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28943	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29322	"		6-24-66	
BG		" " " 29469	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		"	
BL		" " " 29696	"		6-29-66	
BM		REVISION STATUS CHANGED	JSD	MS	7-29-66	

QTY REQD	PART OR IDENTIFYING NO	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. CAPACITOR VALUES ARE IN μf. RESISTOR VALUES ARE IN OHMS. TOLERANCES ON FRACTIONS ± ___ DECIMALS ± .005 ANGLES ± ___. DO NOT SCALE THIS DRAWING.

MATERIAL SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE MASS

MANNED SPACECRAFT CENTER, HOUSTON TEXAS

DRAWN	R. C. Jones	7-16-65
CHECKED	D. J. Lang	7-22-66
APPROVED		
APPROVED	W. Hyde	7-29-66
APPROVED MIT	W. Hyde	7/29/66
APPROVED MSC		

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260

DATE | SCALE NONE | SHEET 4 OF 6

| | | |

		PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
199	AC	EYEPIECE STOWAGE UNIT		2021255-011																																										
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234	NAS9-497		B	II	NOTE 11B	FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																							
197	AC	SIGNAL CONDITIONER ASSY C/M		2007235																																											
196	AC	SIGNAL CONDITIONER ASSY - LEM		6007016																																										
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009			A	I	NOTE 11B																																						
194	AC	PANEL, MONITOR		2900031-031			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
93	AC	DISTRIBUTION BOX, GSE		2900024-031						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
92	AC	ANALYZER, OPTICS-INERTIAL		2900023-031																																										
191	AC	TEST CONTROL		2900027-031																																										
190	AC	PANEL, PWR SUP AND LOAD		2900033-021						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
189	AC	ADPT MODULE, P.S.A.		2900088-011																																										
88	AC	ADPT MODULE, P.S.A.		2901182-011																																										
187	AC	FIXTURE, MTG, PTA/PEA		2900088-012	NAS9-497		B	II	NOTE 11C																																					
86	AC	IMU PNL & EYEPIECE STOW ASSY		1021255-021			A	I		FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																							
185	AC	IMU PNL & EYEPIECE STOW ASSY		1021255-011																																										
184	AC	FIX., HAND., G AND N HARNESS		1901846-041	NAS9-497		B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
183	AC	INSTALLING TOOL, ELEC, CONN		1902586-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 102 VALUES BELOW																																							
182	AC	ADPT MODULE, P.S.A.		6900088-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011			A	I	NOTE 11B	3.000	.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	.125	.906	.688	1.500	NA	.281	.125	NA	1.094	2.062	.312	NA	2.500	.062	.125	1.312	.469	NA	NA	NA	.156	NA	.125	.469	.344	NA
180	AC	ADPT MODULE, P.S.A.		1902431-031			B	II		FOR DIMENSIONS, SEE DASH 121 VALUES BELOW																																							
179	AC	MOUNTING PLATE, IMU/PTA.		6900083-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
178	AC	MOUNTING PLATE, COMPONENT		6900077-021																																										
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021																																										
176	AC	FIX., MOUNTING, G AND N		2900067-021																																										
175	AC	TEL., COOL. AND PWR, G AND N		1902134-031																																										
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011					NOTE 11C																																						
173	AC	FIX., HANDLING, C/M PSA		2900998-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
172	AC	CAGING ELECTRONICS, GYRO		2900029-021																																										
171	AC	DISTRIBUTION BOX, GSE		2900024-021						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021																																										
169	AC	ADPT, TESTPOINT, P.S.A.		2900037-021																																										
168	AC	TEST SELECTOR		2900028-021																																										
167	AC	TEST CONTROL		2900027-021																																										
166	AC	PANEL, MONITOR		2900031-021																																										
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011																																										
164	AC	INPUT/OUTPUT PANEL		2900926-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
163	AC	CONTROL PANEL		2900896-011																																										
162	AC	CSL, CAL AND TEST, SCM/PS AAM		2900895-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
161	AC	FIX., LIFT AND HAND., IMU		IC 5472-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
160	AC	FIX., HAND., G AND N HARNESS		1901846-031			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
159	AC	BATTERY POWER PACK		1900011-031																																										
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222			A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW																																							
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222						2.000	.968	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA
156	AC	POWER & SERVO ASSEMBLY C/M		2007200						FOR DIMENSIONS SEE DASH 100 VALUES BELOW																																							
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201																																										
154	AC	PULSE TORQUE ASSEMBLY - LEM		6007000																																										
153	AC	POWER & SERVO ASSEMBLY - LEM		6007200			A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW																																							
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
150	AC	JUNCTION BOX, PSA/GSE		1901933-021						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
149	AC	BATTERY PACK, LIFTING		2900816-011																																										
148	AC	MOUNTING PLATE, COMPONENT		6900007-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
147	AC	MOUNTING PLATE, COMPONENT		2900677-011																																										
146	AC	CART, TRANS, G AND N		1900009-041																																										
145	AC	CONTAINER, SHIPPING, IMU		1900010-021	NAS9-497		B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.188 .109	.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
144	AC	FIX., MOUNTING, G AND N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.188 .109	.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
143	AC	CSL, COOL AND PWR, G AND N		1902134-021						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
141	AC	CONT, TEMP, PORTABLE		2900060-011						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011						4.125	.8	2.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
139	AC	STIMULATOR, LD/SIG, CDU		2900285-011																																										
138	AC	STIMULATOR, LD/SIG, OPTICS		1902023-011																																										
137	AC	FIX, MOUNTING, IMU/NAV BASE		6900003-011																																										
136	AC	FIXTURE, OPTICS/NAV. BASE		2900073-011																																										
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																										
134	AC	FIX., HAND., G AND N HARNESS		2900069-011																																										
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011																																										
132	AC	FIX, MOUNTING, G AND N		2900067-011																																										
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																										
130	AC	TESTER, GYRO WHEEL		2900061-011																																										
129	AC	COOLANT SUPPLY		1902133-021																																										
128	AC	TABLE, ROTARY		1900926-021						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
127	AC	FIX., HAND., OPTICS		2900074-011						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
126	AC	FIXTURE, MTG., PTA/PEA.		2900066-011																																										
125	AC	CONT, TEMP, IMU LIFTING		2900063-011																																										
124	AC	FIXTURE, HANDLING, MU		2900064-011																																										
123	AC	CONT, OPTICS, REMOTE		1902046-021																																										
122	AC	TEST CONTROL		1902009-021																																										
121	AC	ADPT MODULE, P.S.A.		1902431-021																																										
120	AC	BRIDGE, DECADE, ERROR		2900128-011																																										
119	AC	PWR SUP, ELECTRONICS		2900012-011																																										
118	AC	PWR SUP, RELAY AND LAMP		1900049-031																																										
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021																																										
116	AC	ADPT MODULE, P.S.A.		1902431-011																																										
115	AC	ADPT, TEST POINT, PTA/PEA.		2900045-011																																										
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																										
113	AC	CONTROL, GIMBAL POSITION		2900036-011																																										
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																										
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																										
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																										
109	AC	PANEL, MONITOR		2900031-011																																										
108	AC	PANEL, AUXILIARY INPUT		2900030-011																																										
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																										
106	AC	TEST SELECTOR		2900028-011																																										
105	AC	TEST CONTROL		2900027-011																																										
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																										
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																										
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
101	AC	NAV GATION BASE ASSEMBLY - LEM		6899950		NAS9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
100	AC	NAVAGATION BASE ASSEMBLY		2899982		NAS9-497	A	I	NOTE 11B	2.000	.312	1.906	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

NOTE: AC DASH NO's. CONT. ON SH.6

SYM	ZONE	REVISIONS DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			6-16-65	
H		REVISED PER TDRR 20892			6-16-65	
J		REVISED PER TDRR 20904			6-16-65	
K		REVISED PER TDRR 21879			8-4-65	
L		REVISED PER TDRR 21410			8-4-65	
M		REVISED PER TDRR 21993			8-4-65	
N		REVISED PER TDRR 22627			8-4-65	
P		REVISED PER TDRR 22671			8-4-65	
R		REVISED PER TDRR 22672			8-4-65	
S		REVISED PER TDRR 22750			8-4-65	
T		REVISED PER TDRR 22823			8-4-65	
U		REVISED PER TDRR 23072			8-4-65	
V		REVISED PER TDRR 23521			8-4-65	
W		REVISED PER TDRR 23824	RAJ		8-9-65	
Y		REVISED PER TDRR 24018	RAJ		8-16-65	
Z		REVISED PER TDRR 24040	RAJ		8-19-65	
AA		REVISED PER TDRR 24060	RAJ		8-25-65	
AB		REVISED PER TDRR 24868	RAJ		8-25-65	
AC		REVISED PER TDRR 24973	RAJ		9-4-65	
AD		REVISED PER TDRR 25065	RAJ		9-10-65	
AE		REVISED PER TDRR 25672	RAJ		9-24-65	
AF		REVISED PER TDRR 25671	RAJ		9-24-65	
AG		REVISED PER TDRR 26110	RAJ		9-28-65	
AH		REVISED PER TDRR 26372	"		9-29-65	
AJ		REVISED PER TDRR 26425	"		9-29-65	
AK		REVISED PER TDRR 26743	"		10-16-65	
AL		REVISED PER TDRR 26798	"		10-16-65	
AM		REVISED PER TDRR 27169	"		11-8-65	
AN		REVISED PER TDRR 27235	"		11-8-65	
AP		REVISED PER TDRR 27345	"		11-8-65	
AR		REVISED PER TDRR 27417	"		11-8-65	
AS		REVISED PER TDRR 27442	"		11-8-65	
AT		REVISED PER TDRR 27219	"		11-21-65	
AU		REVISED PER TDRR 27880	"		11-21-65	
AV		REVISED PER TDRR 27896	"		11-21-65	
AW		28110	"		12-16-65	
AY		28173	"		12-28-65	
AZ		28131	"		12-28-65	
BA		28124	"		12-28-65	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28943	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29322	"		6-24-66	
BG		" " " 29429	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29235	"		"	
BK		" " " 29619	"		"	
BL		" " " 29696	"		8-29-66	
BM		REVISION STATUS CHANGED	JSD	NS	7-29-66	
BN		REVISION STATUS CHANGED	JI	RW	8-2-66	
BP		REVISION STATUS CHANGED	JI	RW	8-2-66	

THIS SHEET ADDED
Ⓖ REPLACES REV F WITH CHANGE

AC ELECTRONICS DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± .005 ± °
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE MASS

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN R.A. Jones 7-16-65
CHECKED D.J. Lang 7-22-65
APPROVED
APPROVED W.R. Hopkins 11-1-65

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

APPROVED MIT W.R. Hopkins 11-1-65
APPROVED MSC
DATE
SCALE NONE
CODE IDENT NO 80230
SIZE E
DRAWING NO. 1004260
SHEET 4 OF 6

DASH NO.	B/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
99	AC	EYEPIECE STOWAGE UNIT		2021255-011			A	I																																							
98	AC	SIGNAL CONDITIONER - ASSY C/M		2007234	NAS9-497		A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																								
97	AC	SIGNAL CONDITIONER ASSY C/M		2007235			A	I																																								
96	AC	SIGNAL CONDITIONER ASSY - LEM		2007010			A	I																																								
95	AC	PSA & SIGNAL CONDITIONER ASSY		6007009			A	I	NOTE 11B																																							
94	AC	PANEL, MONITOR		2900031-031			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
93	AC	DISTRIBUTION BOX, G S E		2900024-031						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
92	AC	ANALYZER, OPTICS-INERTIAL		2900023-021																																											
91	AC	TEST CONTROL		2900027-021						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
90	AC	PANEL, PWR SUP AND LOAD		2900033-021																																											
89	AC	ADPT MODULE, P.S.A.		6900088-011																																											
88	AC	ADPT MODULE, P.S.A.		6901142-011																																											
87	AC	FIXTURE, MTG, PTA/PEA		2900066-021	NAS9-497		B	II	NOTE 11C																																							
86	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-021						FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																							
185	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-011			A																																								
184	AC	FIX., HAND., G AND N HARNESS		1901846-041	NAS9-497		A	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
183	AC	INSTALLING TOOL, E.EC. CONN		1902586-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 102 VALUES BELOW																																							
182	AC	ADPT MODULE, P.S.A.		6900088-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
81	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011			A	I	NOTE 11B	3.000	.938	2.437	NA	1.125	.062	.188	.156	NA	NA	1.750	.125	.906	.688	1.500	NA	.281	.125	NA	1.094	.2062	.312	NA	2.500	.062	.125	1.312	.469	NA	NA	NA	.156	NA	.125	.469	.344	NA
80	AC	ADPT MODULE, P.S.A.		1902431-031			B	II		FOR DIMENSIONS, SEE DASH 121 VALUES BELOW																																							
79	AC	MOUNTING PLATE, IMU/PTA		6900083-011																																											
78	AC	MOUNTING PLATE, COMPONENT		6900007-021						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
77	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021																																											
76	AC	FIX., MOUNTING, G AND N		2900067-021																																										
175	AC	E.S., COOL. AND PWR, G AND N		902134-031																																										
174	AC	FIX., HAND., G/N AND LEM CDU		2900899-021					NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
173	AC	FIX., HANDLING, G/N PSA		2900996-011																																											
172	AC	CAGING ELECTRONICS, GYRO		2900029-021																																										
171	AC	DISTRIBUTION BOX, G S E		2900024-021																																										
	AC	ANALYZER, OPTICS-INERTIAL		2900023-02						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
169	AC	ADPT, TESTPOINT, P.S.A.		2900037-021																																										
168	AC	TEST SELECTOR		2900028-02																																											
167	AC	TEST CONTROL		2900027-021																																											
66	AC	PANEL, MONITOR		2900031-021																																											
65	AC	TERM. BOARD STORAGE DRAWER		2900027-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
64	AC	INPUT/OUTPUT PANEL		2900926-011																																										
163	AC	CONTROL PANEL		2900896-011																																											
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
61	AC	FIX., LIFT AND HAND., IMU		1C 8472-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
160	AC	FIX., HAND., G AND N HARNESS		1901846-03			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
159	AC	BATTERY POWER PACK		1900011-03			B	II	NOTE 11C																																							
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222			A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW																																							
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222																																										
156	AC	POWER & SERVO ASSEMBLY C/M		2007200						2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201																																										
154	AC	PULSE TORQUE ASSEMBLY - LEM		6007000						FOR DIMENSIONS SEE DASH 100 VALUES BELOW																																							
153	AC	POWER & SERVO ASSEMBLY - LEM		6007200			A	I	NOTE 11B																																							
152	AC	CONT PNL RSVR CKT TESTER		2900770-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
150	AC	JUNCTION BOX, PSA/GSE		1901933-021						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
149	AC	BATTERY PACK, LIFTING		2900824-011																																											
148	AC	MOUNTING PLATE, COMPONENT		6900007-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
147	AC	MOUNTING PLATE, COMPONENT		2900677-011																																										
146	AC	CART, TRANS, G AND N		1900005-041																																										
45	AC	CONTAINER, SHIPPING, IMU		1900010-021	NAS9-497		B	II	NOTE 11C																																					
144	AC	FIX., MOUNTING, G AND N		1902204-03			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.109 .094		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	.875	.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
143	AC	CSL, COOL. AND PWR, G AND N		1902134-02						4.25	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	.171	.125	.875	.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011						4.25	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	.171	.125	.875	.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
41	AC	CONT, TEMP, PORTABLE		2900060-011						2.125	.968	1.718		.093	.031	.06	.093			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011						4.125	.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	.171	.125	.875	.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011																																										
138	AC	SIMULATOR, LD/SIG, OPTICS		1902523-02																																										
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011																																										
136	AC	FIXTURE, SET CENTRAL BASE		2900072-011																																										
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																										
134	AC	FIX., HAND., G AND N HARNESS		2900069-011																																										
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011																																										
132	AC	FIX., MOUNTING, G AND N		2900067-011																																										
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																										
130	AC	TESTER, GYRO WHEEL		2900061-011																																										
129	AC	COOLANT SUPPLY		1902133-02																																										
128	AC	TABLE, ROTARY		1900926-02						4.125	.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	.171	.125	.875	.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
127	AC	FIX., HAND., OPTICS		2900074-011						2.125	.968	1.718		.093	.031	.06	.093			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
126	AC	FIXTURE, SET CENTRAL BASE		2900066-01																																										
125	AC	CONT, TEMP, IMU LIFTING		2900063-011																																										
124	AC	FIXTURE, CENTRAL, IMU		2900064-011																																										
123	AC	CONT, OPTICS, REMOTE		1902246-021																																										
122	AC	TEST CONTROL		1902209-021																																										
121	AC	ADPT MODULE, P.S.A.		1902431-021																																										
120	AC	BRIDGE, DECADE ERROR		2900128-011																																										
119	AC	PWR SUP, ELECTRONICS		2900012-011																																										
118	AC	PWR SUP, RELAY AND LAMP		1900049-031																																										
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021																																										
116	AC	ADPT MODULE, P.S.A.		1902431-011																																										
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-01																																										
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																										
113	AC	CONTROL, GIMBAL POSITION		2900036-011																																										
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-01																																										
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																										
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																										
109	AC	PANEL, MONITOR		2900031-011																																										
108	AC	PANEL, AUXILIARY INPUT		2900030-011																																										
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																										
106	AC	TEST SELECTOR		2900028-011																																											
105	AC	TEST CONTROL		2900027-011																																											
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																										
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																										
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.109 .094		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	.938
101	AC	NAV BASE ASSEMBLY - LEM		6899950	NAS9-497		A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
100	AC	NAVIGATION BASE ASSEMBLY		2899982	NAS9-497		A	I	NOTE 11B	2.000	.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

NOTE: AC DASH NO's. CONT. ON SH.6

AC ELECTRONICS DASH NUMBERS

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			4/16/	
H		REVISED PER TDRR 20892			6/16/	
J		REVISED PER TDRR 20904			6/24/	
K		REVISED PER TDRR 21379			8/16/	
L		REVISED PER TDRR 21410			8/26/	
M		REVISED PER TDRR 21993			10/7/	
N		REVISED PER TDRR 22621			11/7/	
P		REVISED PER TDRR 22671			11/7/	
R		REVISED PER TDRR 22672			11/7/	
S		REVISED PER TDRR 22750			11/7/	
T		REVISED PER TDRR 22823			11/7/	
U		REVISED PER TDRR 23072			12/14/	
V		REVISED PER TDRR 23521			2/26/66	
W		REVISED PER TDRR 23824	RAJ		3-9-66	
Y		REVISED PER TDRR 24018	RAJ		3-16-66	
AJ		REVISED PER TDRR 24040	RAJ		3-15-66	
AA		REVISED PER TDRR 24060	RAJ		3-29-66	
AB		REVISED PER TDRR 24868	RAJ		4-22-66	
AC		REVISED PER TDRR 24973	RAJ		4-4-66	
AD		REVISED PER TDRR 25065	RAJ		4-18-66	
AE		REVISED PER TDRR 25672	RAJ		5-4-66	
AF		REVISED PER TDRR 25671	RAJ		5-4-66	
AG		REVISED PER TDRR 2610	RAJ		5-25-66	
AH		REVISED PER TDRR 26372	"		5-26-66	
AJ		REVISED PER TDRR 26425	"		5-16-66	
AK		REVISED PER TDRR 26743	"		5-16-66	
AL		REVISED PER TDRR 26798	"		5-16-66	
AM		REVISED PER TDRR 27169	"		6-8-66	
AN		REVISED PER TDRR 27235	"		6-8-66	
AP		REVISED PER TDRR 27345	"		6-8-66	
AR		REVISED PER TDRR 27417	"		6-8-66	
AS		REVISED PER TDRR 27442	"		6-8-66	
AT		REVISED PER TDRR 27719	"		6-21-66	
AU		REVISED PER TDRR 27880	"		6-21-66	
AV		REVISED PER TDRR 27896	"		6-21-66	
AW		" " 28110	"		6-16-66	
AX		" " 28173	"		"	
AZ		" " 28131	"		"	
BA		" " 28124	"		"	
BB		REVISED PER TDRR 28511	"		6-16-66	
BC		" " " 28949	"		6-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29332	"		6-29-66	
BG		" " " 28429	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		"	
BL		" " " 29696	"		8-29-66	
BM		REVISION STATUS CHANGED	SS	NS	7-29-66	
BN		REVISION STATUS CHANGED	JL		8-29-66	
BP		REVISION STATUS CHANGED	JL		11-4-66	
BR		REVISED PER TDRR 30241	JL		11-8-66	

QTY REQD	PART OR IDENTIFYING NO	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
	LIST OF MATERIALS			

MIT INSTRUMENTATION LAB, CAMBRIDGE MASS
MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN R. G. Jones 7-16-65
CHECKED D. S. Lyons 7-22-65
APPROVED
APPROVED MIT
APPROVED MSC
DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004269

SCALE NONE | SHEET 4 OF 6

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS DECIMALS ANGLES
± ±.005 ±
DO NOT SCALE THIS DRAWING

MATERIAL SEE NOTE 11

NEXT ASSY | USED ON | APPLICATION

SS APPLICABLE

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
199	AC	EYEPIECE STOWAGE		2021255-011			A	I																																						
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234		NAS9-497	A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																								
197	AC	SIGNAL CONDITIONER ASSY C/M		2007235																																												
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010																																											
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009			A	I	NOTE 11B																																						
194	AC	PANEL, MONITOR		2900031-031			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
193	AC	DISTRIBUTION BOX, GSE		2900024-021						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-021																																											
191	AC	TEST CONTROL		2900027-021																																											
190	AC	PANEL, PWR SUP AND LOAD		2900033-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
189	AC	ADPT MODULE, P.S.A.		6900088-011																																											
188	AC	ADPT MODULE, P.S.A.		2901143-011																																											
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021		NAS9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
186	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-021			A	I																																							
185	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-011						FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																							
184	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS9-197	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
183	AC	INSTALLING TOOL, ELEC. CONN.		1902586-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 102 VALUES BELOW																																							
182	AC	ADPT MODULE, P.S.A.		6900088-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011			A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	NA	1.750	.125	.906	.688	1.500	NA	.281	.125	NA	.094	2.062	.312	NA	2.500	.062	.125	1.812	.469	NA	NA	NA	.156	NA	.125	.469	.344	NA					
180	AC	ADPT MODULE, P.S.A.		1902431-031			B	II		FOR DIMENSIONS, SEE DASH 121 VALUES BELOW																																							
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011																																											
178	AC	MOUNTING PLATE, COMPONENT		6900077-021						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021																																										
176	AC	FIX., MOUNTING, G AND N		2900067-021																																										
175	AC	FIX., COOL. AND PWR, G AND N		1902134-031																																										
174	AC	FIX., HAND., G/N AND LEM CDU		2900999-011					NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
173	AC	FIX., HANDLING, C/M PSA		2900998-011																																										
172	AC	CASING ELECTRONICS, GYRO		2900029-021																																									
171	AC	DISTRIBUTION BOX, GSE		2900024-021																																									
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
169	AC	ADPT, TESTPOINT, P.S.A.		2900037-021																																									
168	AC	TEST SELECTOR		2900028-021																																										
167	AC	TEST CONTROL		2900027-021																																										
166	AC	PANEL, MONITOR		2900031-021																																										
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011																																									
164	AC	INPUT OUTPUT PANEL		2900926-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
163	AC	CONTROL PANEL		2900896-011																																										
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
161	AC	FIX., LIFT AND HAND., IMU		10 5452-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
160	AC	FIX., HAND., G AND N HARNESS		1901846-031						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
159	AC	BATTERY POWER PACK		1900011-031			B	II	NOTE 11C																																						
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222			A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW																																							
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222			A	I		2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.077	.116	.062	.968	1.450	.125	NA	1.720	.046	.63	NA	.210	NA	NA	.070	NA	.046	.32	.16	NA								
156	AC	POWER & SERVO ASSEMBLY C/M		2007200						FOR DIMENSIONS SEE DASH 100 VALUES BELOW																																							
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201																																										
154	AC	PULSE TORQUE ASSEMBLY - LEM		6007000																																										
153	AC	POWER & SERVO ASSEMBLY - LEM		6007200			A	I	NOTE 11B																																						
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011																																										
150	AC	JUNCTION BOX, PSA/GSE		1901933-021						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
149	AC	BATTERY PACK, LIFTING		2900812-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
148	AC	MOUNTING PLATE, COMPONENT		6900007-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
147	AC	MOUNTING PLATE, COMPONENT		2900677-011																																										
146	AC	CART, TRANS, G AND N		1900095-041																																										
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.156 .125		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875					
144	AC	FIX., MOUNTING, G AND N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	.171	.125	.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875					
143	AC	CSL, COOL AND PWR, G AND N		1902134-021						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	.171	.125	.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875					
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	.171	.125	.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875					
141	AC	CONT, TEMP, PORTABLE		2900760-011						2.125	.968	1.718		.093	.031	.06	.093			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938					
140	AC	TESTER, CKT, IMU/CDU ASVR		2900286-011						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	.171	.125	.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875					
139	AC	STIMULATOR, LD/SIG, CDU		2900285-011																																										
138	AC	STIMULATOR, LD/SIG, OPTICS		1902723-021																																										
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011																																										
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011																																										
135	AC	FIX. MOUNTING, SUB SYSTEM		2900070-011																																										
134	AC	FIX., HAND., G AND N HARNESS		2900069-011																																										
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011																																										
132	AC	FIX., MOUNTING, G AND N		2900067-011																																										
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																										
130	AC	TESTER, GYRO WHEEL		2900061-011																																										
129	AC	COOLANT SUPPLY		1902133-021																																										
128	AC	TABLE, ROTARY		1902526-021						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	.171	.125	.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875					
127	AC	FIX., HAND., OPTICS		2900074-011						2.125	.968	1.718		.093	.031	.06	.093			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938					
126	AC	FIXTURE, MTG, PTA/PEA.		2900066-011																																										
125	AC	CONT, TEMP, IMU LIFTING		2900063-011																																										
124	AC	FIXTURE, HANDLING, IMU		2900064-011																																										
123	AC	CONT, OPTICS, REMOTE		1902046-021																																										
122	AC	TEST CONTROL		1902009-021																																										
121	AC	ADPT MODULE, P.S.A.		1902431-021																																										
120	AC	BRIDGE, DECADE ERROR		2900128-011																																										
119	AC	PWR SUP, ELECTRONICS		1900012-011																																										
118	AC	PWR SUP, RELAY AND LAMP		1900049-031																																										
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021																																										
116	AC	ADPT MODULE, P.S.A.		1902431-011																																										
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011																																										
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																										
113	AC	CONTROL, GIMBAL POSITION		2900036-011																																										
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																										
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																										
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																										
109	AC	PANEL, MONITOR		2900031-011																																										
108	AC	PANEL, AUXILIARY INPUT		2900030-011																																										
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																										
106	AC	TEST SELECTOR		2900028-011																																										
105	AC	TEST CONTROL		2900027-011																																										
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																										
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																										
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.156 .125		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938					
101	AC	NAVIGATION BASE ASSEMBLY - LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA								
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-457	A	I	NOTE 11B	2.000	.312	1.906	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA								

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

NOTE: AC DASH NO's. CONT. ON SH.6

REVISIONS					
SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			7-1-66	
H		REVISED PER TDRR 20888			7-14-66	
J		REVISED PER TDRR 20904			7-26-66	
K		REVISED PER TDRR 21379			9-16-66	
L		REVISED PER TDRR 21410			9-16-66	
M		REVISED PER TDRR 21993			10-14-66	
N		REVISED PER TDRR 22621			11-28-66	
P		REVISED PER TDRR 22671			12-5-66	
R		REVISED PER TDRR 22672			12-5-66	
S		REVISED PER TDRR 22750			12-19-66	
T		REVISED PER TDRR 22823			1-9-67	
U		REVISED PER TDRR 23072			2-14-67	
V		REVISED PER TDRR 24521			2-26-68	
W		REVISED PER TDRR 23824	RAJ		3-9-65	
Y		REVISED PER TDRR 24018	RAJ		11-16-65	
Z		REVISED PER TDRR 24040	RAJ		11-19-65	
AA		REVISED PER TDRR 24060	RAJ		11-19-65	
AB		REVISED PER TDRR 24868	RAJ		2-22-66	
AC		REVISED PER TDRR 24973	RAJ		3-4-66	
AD		REVISED PER TDRR 25065	RAJ		3-10-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-25-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-8-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-6-66	
AT		REVISED PER TDRR 27719	"		4-21-66	
AU		REVISED PER TDRR 27680	"		4-21-66	
AV		REVISED PER TDRR 27856	"		4-21-66	
AW		" " " 28110	"		5-16-66	
AY		" " " 28173	"		"	
AZ		" " " 28131	"		"	
BA		" " " 28124	"		"	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		6-20-66	
BF		" " " 29322	"		6-20-66	
BG		" " " 28429	"		-	
BH		" " " 28449	"		-	
BJ		" " " 29335	"		-	
BK		" " " 29619	"		-	
BL		" " " 29698	"		6-29-66	
BM		REVISION STATUS CHANGED	JD	NS	7-29-66	
BN		REVISION STATUS CHANGED	JL	BW	8-4-66	
BP		REVISION STATUS CHANGED	JL	BW	8-12-66	
BR		REVISED PER TDRR 30241	JL	BW	7-28-66	
BS		REVISION STATUS CHANGED	GW	BW	8-29-66	

THIS SHEET ADDED
© REPLACES REV F WITH CHANGE

AC ELECTRONICS DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS				

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ° ± —
DO NOT SCALE THIS DRAWING

MATERIAL SEE NOTE 11

AS APPLICABLE
NEXT ASSY USED ON
APPLICATION

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN R. Lange 7-1-66
CHECKED D. Hoag 7-1-66
APPROVED
APPROVED MIT
APPROVED MSC
DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230
SIZE E
DRAWING NO. 1004260
SCALE NONE
SHEET 4 OF 6

P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
AC	EYEPIECE STOWAGE ASSY		2021255-081			A	I																																						
AC	SIGNAL CONDITIONER ASSY C/M		2007284	NAS 9-497		A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																						
AC	SIGNAL CONDITIONER ASSY C/M		2007235																																											
AC	SIGNAL CONDITIONER ASSY LEM		6007010																																											
AC	PSA & SIGNAL CONDITIONER ASSY		6007009			A	I	NOTE 11B																																						
AC	PANEL, MONITOR		2900031-031			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
AC	DISTRIBUTION BOX, G S E		2900024-031						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
AC	ANALYZER, OPTICS-INERTIAL		2900023-031																																										
AC	TEST CONTROL		2900027-031						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
AC	PANEL, PWR SUP AND LOAD		2900033-021																																										
AC	ADPT MODULE, P.S.A.		6900088-011																																										
AC	ADPT MODULE, P.S.A.		2901142-011																																										
AC	FIXTURE, MTG, PTA/PEA		2900066-021	NAS 9-497		B	II	NOTE 11C																																					
AC	AI INDICATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-021			A	I		FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																						
AC	AI INDICATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-011																																										
AC	FIX., HAND., G AND N HARNESS		1901846-041	NAS 9-497		B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
AC	INSTALLING TOOL, ELEC. CONN		1902586-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 102 VALUES BELOW																																						
AC	ADPT MODULE, P.S.A.		6900088-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011			A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.906	.688	1.500	NA	.281	.125	NA	1.094	2.062	.312	NA	2.500	.062	.125	1.312	.469	NA	NA	NA	.156	NA	.125	.469	.344	NA				
AC	ADPT MODULE, P.S.A.		1902431-031			B	II		FOR DIMENSIONS, SEE DASH 121 VALUES BELOW																																						
AC	MOUNTING PLATE, IMU/PTA		6900083-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
AC	MOUNTING PLATE, COMPONENT		6900007-021																																										
AC	FIX., MOUNTING, SUBSYSTEM		2900070-021																																										
AC	FIX., MOUNTING, G AND N		2900067-021																																										
AC	F.S., COOL AND PWR, G AND N		1902134-031																																										
AC	FIX., HAND., C/M AND LEM CDU		2900999-011						NOTE 11C																																				
AC	FIX., HANDLING, C/M PSA		2900998-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
AC	CAGING ELECTRONICS, GYRO		2900029-021																																										
AC	DISTRIBUTION BOX, G S E		2900024-021																																										
AC	ANALYZER, OPTICS-INERTIAL		2900023-021						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
AC	ADPT, TEST POINT, P.S.A.		2900037-021																																										
AC	TEST SELECTOR		2900028-021																																										
AC	TEST CONTROL		2900027-021																																										
AC	PANEL, MONITOR		2900031-021																																										
AC	TERM. BOARD STORAGE DRAWER		2900927-011																																										
AC	INPUT/OUTPUT PANEL		2900926-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
AC	CONTROL PANEL		2900896-011																																										
AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
AC	FIX., LIFT AND HAND., IMU		IC 2472-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
AC	FIX., HAND., G AND N HARNESS		1901846-031																																										
AC	BATTERY POWER PACK		1900011-034			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222			A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW																																						
AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222																																										
AC	POWER & SERVO ASSEMBLY C/M		2007200						2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA				
AC	PIPA ELECTRONICS ASSEMBLY		2007201						FOR DIMENSIONS SEE DASH 100 VALUES BELOW																																						
AC	PULSE TORQUE ASSEMBLY - LEM		6007000																																										
AC	POWER & SERVO ASSEMBLY - LEM		6007200			A	I	NOTE 11B																																						
AC	CONT PNL, RSVR CKT TESTER		2900700-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
AC	TESTER, RESOLVER CIRCUIT		2900708-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
AC	JUNCTION BOX, PSA/GSE.		1901933-021						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
AC	BATTERY PACK, LIFTING		2900612-011																																										
AC	MOUNTING PLATE, COMPONENT		6900007-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
AC	MOUNTING PLATE, COMPONENT		2900677-011																																										
AC	CART, TRANS. G AND N		1900005-041																																										
AC	CONTAINER, SHIPPING, IMU		1900010-021	NAS9-497		B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.005 .004	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
AC	FIX., MOUNTING, G AND N		1902204-031			B	II	NOTE 11C	4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
AC	CSL, COOL AND PWR, G AND N		1902134-021						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
AC	ANALYZER, OPTICS-INERTIAL		2900023-011						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
AC	CONT. TEST, PORTABLE		2900040-011						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
AC	TESTER, CKT, IMU/CDU RSVR		2900286-011						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
AC	SIMULATOR, LD/SIG, CDU		2900285-011																																										
AC	SIMULATOR, LD/SIG, OPTICS		1902023-021																																										
AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011																																										
AC	FIXTURE, CPT/SAM BASE		2900072-011																																										
AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																										
AC	FIX., HAND., G AND N HARNESS		2900069-011																																										
AC	CNTR, SHIPPING, NAV BASE		2900068-011																																										
AC	FIX., MOUNTING, G AND N		2900067-011																																										
AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																										
AC	TESTER, GYRO WHEEL		2900061-011																																										
AC	COOLANT SUPPLY		1902133-021																																										
AC	TABLE, ROTARY		1900926-021						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
AC	FIX., HAND., OPTICS		2900074-011						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
AC	FIXTURE, MTG., PTA/PEA.		2900066-011																																										
AC	CONT, TEMP, IMU LIFTING		2900063-011																																										
AC	FIXTURE, HANDLING, IMU		2900064-011																																										
AC	CONT, OPTICS, REMOTE		1902046-021																																										
AC	TEST CONTROL		1902009-021																																										
AC	ADPT MODULE, P.S.A.		1902431-021																																										
AC	BRIDGE, DECADE ERROR		2900128-011																																										
AC	PWR SUP, ELECTRONICS		2900012-011																																										
AC	PWR SUP, RELAY AND LAMP		1900049-031																																										
AC	CONSOLE, OSCILLOGRAPH		1900000-021																																									
AC	ADPT MODULE, P.S.A.		1902431-011																																										
AC	ADPT, TEST POINT, PTA/PEA.		2900145-011																																										
AC	ADPT, TEST POINT, P.S.A.		2900037-011																																										
AC	CONTROL, GIMBAL POSITION		2900036-011																																										
AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																										
AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																										
AC	PANEL, PWR SUP AND LOAD		2900033-011																																										
AC	PANEL, MONITOR		2900031-011																																										
AC	PANEL, AUXILIARY INPUT		2900030-011																																										
AC	CAGING ELECTRONICS, GYRO		2900029-011																																										
AC	TEST SELECTOR		2900028-011																																										
AC	TEST CONTROL		2900027-011																																										
AC	MONITOR AND CONTROL, TEMP		2900026-011																																										
AC	DISTRIBUTION BOX, GSE		2900024-011																																										
AC	VOLTMETER, DIGITAL		2900007-041			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.005 .004	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
AC	NAVIGATION BASE ASSEMBLY - LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA				
AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA				

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

NOTE: AC DASH NO's. CONT. ON SH.6

AC ELECTRONICS DASH NUMBERS

REVISIONS						
SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			7/16/65	
H		REVISED PER TDRR 20692			6/16/65	
J		REVISED PER TDRR 20904			7/16/65	
K		REVISED PER TDRR 21379			8/16/65	
L		REVISED PER TDRR 21410			8/31/65	
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750			10/65	
T		REVISED PER TDRR 22823			10/65	
U		REVISED PER TDRR 23072			11/65	
V		REVISED PER TDRR 23521			12/6/65	
W		REVISED PER TDRR 23824	RAJ		12/9/65	
Y		REVISED PER TDRR 24018	RAJ		12/16/65	
Z		REVISED PER TDRR 24040	RAJ		12/19/65	
AA		REVISED PER TDRR 24060	RAJ		12/16/65	
AB		REVISED PER TDRR 24868	RAJ		2/22/65	
AC		REVISED PER TDRR 24973	RAJ		1/4/66	
AD		REVISED PER TDRR 25065	RAJ		1/19/66	
AE		REVISED PER TDRR 25672	RAJ		2/4/66	
AF		REVISED PER TDRR 25671	RAJ		2/4/66	
AG		REVISED PER TDRR 26110	RAJ		2/15/66	
AH		REVISED PER TDRR 26372	"		3/16/66	
AJ		REVISED PER TDRR 26425	"		3/16/66	
AK		REVISED PER TDRR 26743	"		3/16/66	
AL		REVISED PER TDRR 26798	"		3/16/66	
AM		REVISED PER TDRR 27168			4-8-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-6-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-21-66	
AU		REVISED PER TDRR 27880	"		4-21-66	
AV		REVISED PER TDRR 27896	"		4-21-66	
AW		28110	"		5-16-66	
AY		28173	"		"	
AZ		28131	"		"	
BA		28124	"		"	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-26-66	
BD		" " " 23222	"		6-9-66	
BE		" " " 23235	"		"	
BF		" " " 23322	"		6-24-66	
BG		" " " 23429	"		"	
BH		" " " 23349	"		"	
BJ		" " " 23335	"		"	
BK		" " " 23619	"		"	
BL		" " " 29696	"		6-29-66	
BM	REVISION STATUS CHANGED		JSS	NS	7-1966	
BN	REVISION STATUS CHANGED		JSS	RWW	8/24/66	
BP	REVISION STATUS CHANGED		JSS	RWW	8/24/66	
BR	REVISED PER TDRR 30241		JSS	RWW	10/66	
BS	REVISION STATUS CHANGED		GW	RWW	10/24/66	
BT	REVISION STATUS CHANGED		GW	RWW	12/20/66	

THIS SHEET ADDED
© REPLACES REV F, WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS				

MIT INSTRUMENTATION LAB CAMBRIDGE MASS	MANNED SPACECRAFT CENTER HOUSTON, TEXAS
DRAWN R.W. Jones 7/16/65	NAMEPLATES.
CHECKED W.J. Lange 7-22-65	APOLLO G&N-GSE
APPROVED	(STANDARDS)
APPROVED W. Hopkins 7/26/65	
APPROVED MIT W. Hopkins 7/26/65	CODE IDENT NO 80230 SIZE E DRAWING NO. 1004260
APPROVED MSC [illegible] 7/26/65	DATE SCALE NONE SHEET 4 OF

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS DECIMALS ANGLES ± — ±.005 ± —
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 11

AS APPLICABLE
NEXT ASSY USED ON
APPLICATION

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SH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
	AC	EYEPIECE STORAGE UNIT		2021255-011			A	I																																						
96	AC	SIGNAL CONDITIONER - ASSY C/M		2007234		NAS 9-497			NOTE 11B	FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																						
97	AC	SIGNAL CONDITIONER - ASSY C/M		2007235																																											
96	AC	SIGNAL CONDITIONER ASSY LEM		6007010																																										
95	AC	PSA & SIGNAL CONDITIONER ASSY		6007009			A	I	NOTE 11B																																						
94	AC	PANEL, MONITOR		2900031-031			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
93	AC	DISTRIBUTION BOX, G S E		2900024-031						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
92	AC	ANALYZER, OPTICS-INERTIAL		2900023-031																																										
91	AC	TEST CONTROL		2900027-031																																										
190	AC	PANEL, PWR SUP AND LOAD		2900033-021						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
89	AC	ADPT MODULE, P.S.A.		6900088-011																																										
88	AC	ADPT MODULE, P.S.A.		2901143-011																																										
187	AC	FIXTURE, MTG, PTA/PEA		2900066-02		NAS 9-497	B	II	NOTE 11C																																						
186	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-021			A	I		FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																						
185	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-011																																										
84	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS 9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
183	AC	INSTALLING TOOL, ELEC, CONN		1902586-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 102 VALUES BELOW																																						
182	AC	ADPT MODULE, P.S.A.		6900088-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
81	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011			A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.906	.688	1.500	NA	.281	.125	NA	1.094	2.062	.312	NA	2.500	.062	.125	1.312	.469	NA	NA	NA	.156	NA	.125	.469	.344	NA					
80	AC	ADPT MODULE, P.S.A.		1902431-031			B	II		FOR DIMENSIONS, SEE DASH 121 VALUES BELOW																																						
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
78	AC	MOUNTING PLATE, COMPONENT		6900077-021																																										
77	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021																																									
76	AC	FIX., MOUNTING, G AND N		2900067-021																																									
175	AC	CSL, COOL AND PWR, G AND N		1902134-031																																									
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011					NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
73	AC	FIX., HANDLING, C/M PSA		2900998-011																																									
172	AC	CAGING ELECTRONICS, GYRO		2900029-021																																									
7	AC	DISTRIBUTION BOX, G S E		2900024-021						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
	AC	ANALYZER, OPTICS-INERTIAL		2900023-021																																									
169	AC	ADPT, TEST POINT, P.S.A.		2900037-021																																									
16	AC	TEST SELECTOR		2900028-021																																									
167	AC	TEST CONTROL		2900027-021																																										
166	AC	PANEL, MONITOR		2900031-021																																									
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011																																									
164	AC	INPUT-OUTPUT PANEL		2900926-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
163	AC	CONTROL PANEL		2900896-011																																										
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011						FOR DIMENSIONS, SEE DASH144 VALUES BELOW																																						
161	AC	FIX., LIFT AND HAND., IMU		2900892-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
160	AC	FIX., HAND., G AND N HARNESS		1901846-031						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
159	AC	BATTERY POWER PACK		1900011-031			B	II	NOTE 11C																																						
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222			A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW																																						
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222																																										
156	AC	POWER & SERVO ASSEMBLY C/M		2007200						2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA					
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201						FOR DIMENSIONS SEE DASH 100 VALUES BELOW																																						
154	AC	PULSE TORQUE ASSEMBLY - LEM		6007000																																										
153	AC	POWER & SERVO ASSEMBLY - LEM		6007200			A	I	NOTE 11B																																						
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
150	AC	JUNCTION BOX, RSA/GSE.		1901933-021						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																						
49	AC	BATTERY PACK, LIFTING		2900812-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																						
48	AC	MOUNTING PLATE, COMPONENT		6900007-011																																										
147	AC	MOUNTING PLATE, COMPONENT		2900677-011																																										
146	AC	CART, TRANS., G AND N		1900009-041																																										
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS 9-497	B	II	NOTE 11C																																						
144	AC	FIX., MOUNTING, G AND N		1902204-03			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.093	.094	.125	1.625	1.140	.890	.640	.390	.125	1.71	.125	1.875	1.687	2.625	.250	1.563	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875					
143	AC	CSL, COOL AND PWR, G AND N		1902134-021						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	1.71	.125	1.875	1.687	2.625	.250	1.563	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875					
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	1.71	.125	1.875	1.687	2.625	.250	1.563	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875					
141	AC	CONT. TEMP, PORTABLE		2900720-011						2.125	.968	1.718		.093	.031	.06	.093			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938					
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011						4.125	.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.563	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875					
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011																																										
138	AC	SIMULATOR, LD/SIG, OPTICS		1902923-021																																										
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011																																										
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011																																										
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																										
134	AC	FIX., HAND., G AND N HARNESS		2900069-011																																										
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011																																										
132	AC	FIX., MOUNTING, G AND N		2900067-011																																										
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																										
130	AC	TESTER, GYRO WHEEL		2900061-011																																										
129	AC	COOLANT SUPPLY		1902133-021																																										
128	AC	TABLE, ROTARY		1900926-021						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.563	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875					
127	AC	FIX., HAND., OPTICS		2900774-011						2.125	.968	1.718		.093	.031	.06	.093			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938					
126	AC	FIXTURE, MTG., PTA/PEA.		2900066-011																																									
125	AC	CONT, TEMP, IMU LIFTING		2900063-011																																									
124	AC	FIXTURE, HANDLING, MU		2900064-011																																									
123	AC	CONT, OPTICS, REMOTE		1902046-021																																									
122	AC	TEST CONTROL		1902009-021																																										
121	AC	ADPT MODULE, P.S.A.		1902431-021																																									
120	AC	BRIDGE, DECADE ERROR		2900128-011																																									
119	AC	PWR SUP, ELECTRONICS		2900012-011																																									
118	AC	PWR SUP, RELAY AND LAMP		1900099-031																																									
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021																																									
116	AC	ADPT MODULE, P.S.A.		1902431-011																																									
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011																																									
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																									
113	AC	CONTROL, GIMBAL POSITION		2900036-011																																									
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																									
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																									
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																									
109	AC	PANEL, MONITOR		2900031-011																																										
108	AC	PANEL, AUXILIARY INPUT		2900030-011																																									
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																									
106	AC	TEST SELECTOR		2900028-011																																									
105	AC	TEST CONTROL		2900027-011																																										
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																									
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																									
102	AC	VOLTMETER, DIGITAL		2-000007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938					
101	AC	NAVIGATION BASE ASSEMBLY - LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA					
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA					

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

NOTE: AC DASH NO's. CONT. ON SH.6

SYM	ZONE	REVISIONS DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			11/4/65	WK
H		REVISED PER TDRR 20892			6/4/65	WK
J		REVISED PER TDRR 20904			6/4/65	WK
K		REVISED PER TDRR 21379			6/16/65	WK
L		REVISED PER TDRR 21410			6/16/65	WK
M		REVISED PER TDRR 21993			7/9/65	WK
N		REVISED PER TDRR 22621			8/17/65	WK
P		REVISED PER TDRR 22671			8/17/65	WK
R		REVISED PER TDRR 22672			8/17/65	WK
S		REVISED PER TDRR 22750			8/17/65	WK
T		REVISED PER TDRR 22823			8/17/65	WK
U		REVISED PER TDRR 23072			9/16/65	WK
V		REVISED PER TDRR 23527			10/26/65	WK
W		REVISED PER TDRR 23824	RAJ		11/9/65	WK
Y		REVISED PER TDRR 24018	RAJ		11/16/65	WK
Z		REVISED PER TDRR 24040	RAJ		11/19/65	WK
AA		REVISED PER TDRR 24060	RAJ		11/19/65	WK
AB		REVISED PER TDRR 24868	RAJ		12/27/65	WK
AC		REVISED PER TDRR 24973	RAJ		1/4/66	WK
AD		REVISED PER TDRR 25065	RAJ		1/14/66	WK
AE		REVISED PER TDRR 25672	RAJ		2/4/66	WK
AF		REVISED PER TDRR 25671	RAJ		2/4/66	WK
AG		REVISED PER TDRR 2610	RAJ		2/17/66	WK
AH		REVISED PER TDRR 26372	"		3/16/66	WK
AJ		REVISED PER TDRR 26425	"		3/16/66	WK
AK		REVISED PER TDRR 26743	"		3/16/66	WK
AL		REVISED PER TDRR 26728	"		3/16/66	WK
AM		REVISED PER TDRR 2768	"		4/5/66	WK
AN		REVISED PER TDRR 27235	"		4/8/66	WK
AP		REVISED PER TDRR 27345	"		4/8/66	WK
AR		REVISED PER TDRR 27417	"		4/8/66	WK
AS		REVISED PER TDRR 27442	"		4/8/66	WK
AT		REVISED PER TDRR 27719	"		4/21/66	WK
AU		REVISED PER TDRR 27880	"		4/21/66	WK
AV		REVISED PER TDRR 27896	"		4/21/66	WK
AW		28110	"		5/16/66	WK
AY		28173	"		"	"
AZ		28131	"		"	"
BA		28124	"		"	"
BB		REVISED PER TDRR 28511	"		5/16/66	WK
BC		" " " 28943	"		5/26/66	WK
BD		" " " 29222	"		6/8/66	WK
BE		" " " 29235	"		"	"
BF		" " " 29322	"		6/24/66	WK
BG		" " " 29429	"		"	"
BH		" " " 29449	"		"	"
BJ		" " " 29335	"		"	"
BK		" " " 29619	"		"	"
BL		" " " 29696	"		6/29/66	WK
BM		REVISION STATUS CHANGED	SD	MS	7/29/66	
BN		REVISION STATUS CHANGED	JE	RW	8/4/66	
BP		REVISION STATUS CHANGED	JE	RW	8/4/66	
BR		REVISED PER TDRR 30241	JE	RW	8/4/66	
BS		REVISION STATUS CHANGED	GW	RW	8/24/66	
BT		REVISION STATUS CHANGED	GW	RW	8/24/66	
BU		REVISION STATUS CHANGED	EM		8/24/66	

THIS SHEET ADDED
© REPLACES REV F. WITH CHANGE

A.C. ELECTRONICS DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FSNC NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± —— DECIMALS ± —— ANGLES ± ——
.XX ± .005 X ± ——
DO NOT SCALE THIS DRAWING

MATERIAL SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS

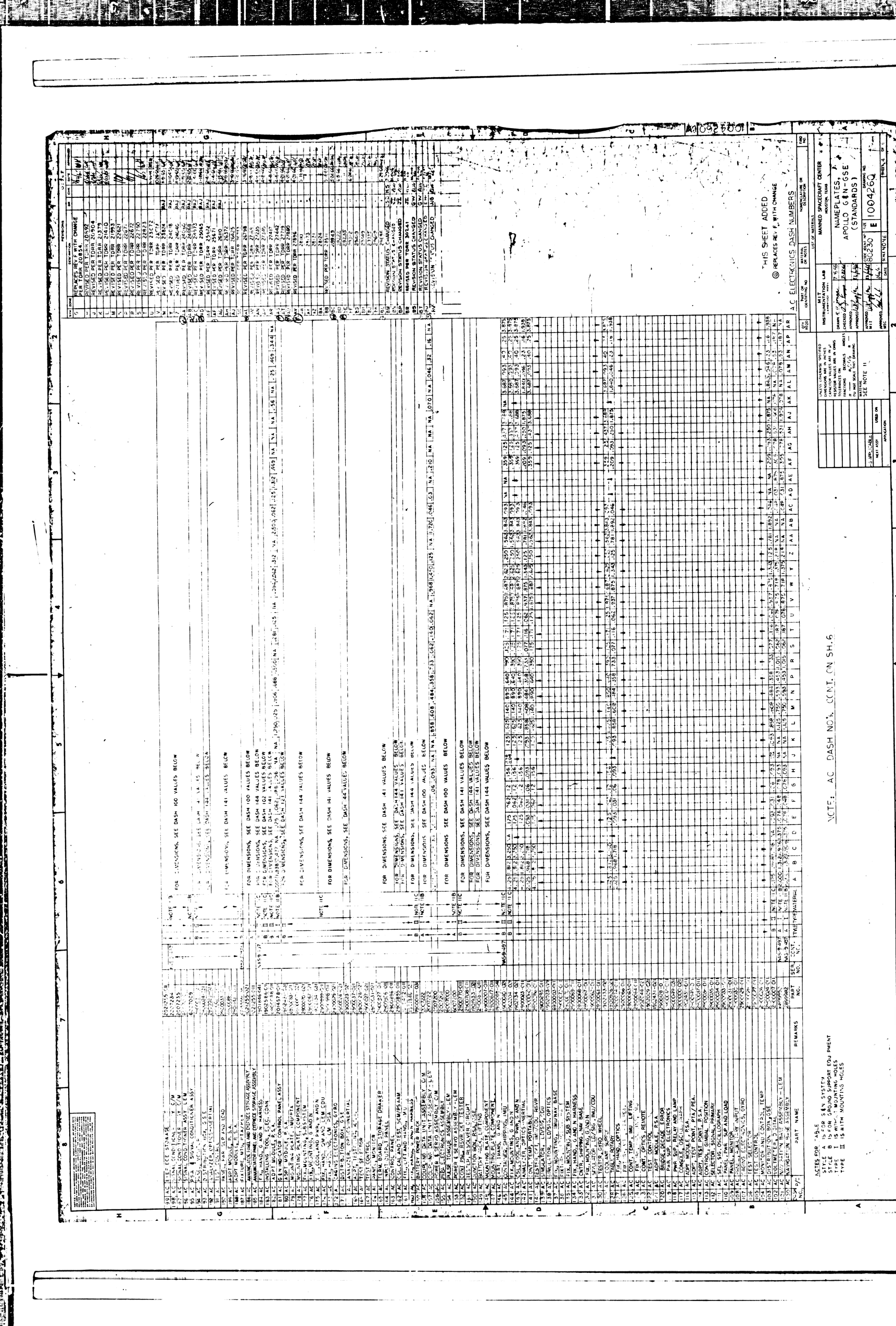
MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN	R. Lewis	7 16 66
CHECKED	D. Lampe	7-22-66
APPROVED		
APPROVED	W. Kaplan	7-26-66
APPROVED MIT	W. Kaplan	8/4/66
APPROVED MSC		DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | SHEET 4 OF 7


REVISIONS
DESCRIPTION
REPLACES REV. F WITH CHANGE
PER TDRR 20592
REVISED PER TDRR 20904
REVISED PER TDRR 21379
REVISED PER TDRR 21410
REVISED PER TDRR 21993
REVISED PER TDRR 22621
REVISED PER TDRR 22677
REVISED PER TDRR 22872
REVISED PER TDRR 22823
REVISED PER TDRR 23C72
REVISED PER TDRR 23574
REVISED PER TDRR 23824
REVISED PER TDRR 24018
REVISED PER TDRR 24046
REVISED PER TDRR 24366
REVISED PER TDRR 24675
REVISED PER TDRR 25065
REVISED PER TDRR 25412
REVISED PER TDRR 25671
REVISED PER TDRR 26110
REVISED PER TDRR 26325
REVISED PER TDRR 26698
REVISED PER TDRR 27456
REVISED PER TDRR 27635
REVISED PER TDRR 27695
REVISED PER TDRR 27719
REVISED PER TDRR 27880
REVISED PER TDRR 27896
REVISION STATUS CHANGED
REVISION STATUS CHANGED
REVISION STATUS CHANGED
REVISION STATUS CHANGED
REVISION STATUS CHANGED
REVISED PER TDRR 30241
REVISION STATUS CHANGED
REVISION STATUS CHANGED
REVISION STATUS CHANGED
THIS SHEET ADDED
@ REPLACES REV. F, WITH CHANGE
A.C. ELECTRONICS DASH NUMBERS
M.I.T.
INSTRUMENTATION LAB
CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER
HOUSTON, TEXAS
NAMEPLATES,
APOLLO G&N-GSE
(STANDARDS)
DRAWING NO.
E 1000426Q
SHEET 4 OF 5
SEE NOTE 11
NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES
NOTE: AC DASH NO'S. CONT. ON SH. 6

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
199	AC	EYEPIECE STORAGE UNIT		2021755-08																																											
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234			A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																								
197	AC	SIGNAL CONDITIONER ASSY C/M		2007235																																												
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010																																											
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009					NOTE 11B																																							
194	AC	PANEL, MONITOR		2540031-031			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
193	AC	DISTRIBUTION BOX, G SE		2540024-021																																												
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-021						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
191	AC	TEST CONTROL		2900067-011																																												
190	AC	PANEL, PWR SUP AND LOAD		2900033-021																																											
189	AC	ADPT MODULE, P.S.A.		6900088-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
188	AC	ADPT MODULE, P.S.A.		2901143-011																																												
187	AC	FIXTURE, MTG, PTA/PEA		2901055-02	NAS 9-497		B	II	NOTE 11C																																							
186	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-021						FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																							
185	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-011			A																																								
184	AC	FIX., HAND., G AND N HARNESS		1901846-041	NAS9 197		B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
183	AC	INSTALLING TOOL, ELEC, CONN		1902586-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 102 VALUES BELOW																																							
182	AC	ADPT MODULE, P.S.A.		6900088-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011			A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	.125	.906	.688	1.500	NA	.281	.125	NA	1.094	2.062	.312	NA	2.500	.062	.125	1.312	.469	NA	NA	NA	.156	NA	.25	.469	.344	NA
180	AC	ADPT MODULE, P.S.A.		1902431-031			B	II		FOR DIMENSIONS, SEE DASH 121 VALUES BELOW																																							
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011																																												
178	AC	MOUNTING PLATE, COMPONENT		6900077-021																																											
177	AC	FIX., MOUNTING, SUB SYSTEM		2900070-021						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
176	AC	FIX., MOUNTING, G AND N		2900067-021																																												
175	AC	T.S., COOL. AND PWR, G AND N		1902134-031																																											
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011					NOTE 11C																																							
173	AC	FIX., HANDLING, C/M PSA		2900998-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
172	AC	CAGING ELECTRONICS, GYRO		2900029-02																																											
171	AC	DISTRIBUTION BOX, GSE		2900024-021																																											
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
169	AC	ADPT, TEST POINT, P.S.A.		2900037-021																																											
168	AC	TEST SELECTOR		2900028-021																																											
167	AC	TEST CONTROL		2900027-021																																											
166	AC	PANEL, MONITOR		2900031-021																																											
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
164	AC	INPUT-OUTPUT PANEL		2900926-011																																											
163	AC	CONTROL PANEL		2900896-011																																											
162	AC	CSL, CAL AND TEST, SCH/PS AAM		2901895-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
161	AC	FIX., LIFT AND HAND., IMU		10-7412-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
160	AC	FIX., HAND., G AND N HARNESS		1901846-031																																											
159	AC	BATTERY POWER PACK		1900011-031			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222			A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW																																							
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222																																											
156	AC	POWER & SERVO ASSEMBLY C/M		2007200						2.000	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201						FOR DIMENSIONS SEE DASH 100 VALUES BELOW																																							
154	AC	PULSE TORQUE ASSEMBLY - LEM		6007000																																											
153	AC	POWER & SERVO ASSEMBLY - LEM		6007200			A	I	NOTE 11B																																							
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
150	AC	JUNCTION BOX, P.S.A./GSE		1901933-021						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
149	AC	BATTERY PACK, LIFTING		2900614-011																																											
148	AC	MOUNTING PLATE, COMPONENT		6900007-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
147	AC	MOUNTING PLATE, COMPONENT		2900677-011																																											
146	AC	CART, TRANS, G AND N		1900095-041																																											
145	AC	CONTAINER, SHIPPING, IMU		1900010-021	NAS 9-497		B	II	NOTE 11C																																							
144	AC	FIX., MOUNTING, G AND N		1902204-031			B	II	NOTE 11C	4.125	.812	3.250	NA	.125	.062	.12	.156	.093	.125	1.625	1.140	.890	.640	.390	.125	.171	.125	.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
143	AC	CSL, COOL AND PWR, G AND N		1902134-021						4.125	.812	3.750		.125	.062	.12	.156		.125	.625	1.140	.890	.640	.390	.125	.171	.125	.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011						4.125	.812	3.250		.125	.062	.12	.156		.125	.625	1.140	.890	.640	.390	.125	.171	.125	.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
141	AC	CONT, TEMP, PORTABLE		2900062-011						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
140	AC	TESTER, CKT, IMU/CDU, RSVR		2900086-011						4.175	1.812	3.250		.175	.062	.12	.156		.125	.625	1.140	.890	.640	.390	.125	.171	.125	.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011																																											
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021																																											
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011																																										
136	AC	FIXTURE, OPTICS/NAV BASE		2900070-011																																										
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																										
134	AC	FIX., HAND., G AND N HARNESS		2900068-211																																										
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011																																										
132	AC	FIX., MOUNTING, G AND N		2900067-011																																										
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																										
130	AC	TESTER, GYRO WHEEL		2900061-011																																										
129	AC	COOLANT SUPPLY		1902133-021																																											
128	AC	TABLE, ROTARY		1902626-021						4.125	.812	4.000		.125	.062	.12	.156		.125	.625	1.140	.890	.640	.390	.125	.171	.125	.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
127	AC	FIX., HAND., OPTICS		2900064-011						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
126	AC	FIXTURE, MTG., PTA/PEA.		2900056-011																																										
125	AC	CONT, TEMP, IMU LIFTING		2900063-011																																										
124	AC	FIXTURE, HANDLING, IMU		2900064-011																																										
123	AC	CONT, OPTICS, REMOTE		1902046-021																																										
122	AC	TEST CONTROL		1902009-021																																										
121	AC	ADPT MODULE, P.S.A.		1902431-021																																										
120	AC	BRIDGE, DECADE ERROR		2900128-011																																										
119	AC	PWR SUP, ELECTRONICS		1900047-011																																										
118	AC	PWR SUP, RELAY AND LAMP		1900049-031																																										
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021																																										
116	AC	ADPT MODULE, P.S.A.		1902431-011																																										
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011																																										
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																										
113	AC	CONTROL, GIMBAL POSITION		2900036-011																																										
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																										
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																										
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																										
109	AC	PANEL, MONITOR		2900031-011																																										
108	AC	PANEL, AUXILIARY INPUT		2900030-011																																										
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																										
106	AC	TEST SELECTOR		2900028-011																																											
105	AC	TEST CONTROL		2900027-011																																											
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																										
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																										
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
101	AC	NAVIGATION BASE ASSEMBLY - LEM		6899850	NAS-9-497		A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	2.218	NA	NA	.648	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
100	AC	NAVIGATION BASE ASSEMBLY		2899982	NAS-9-497		A	I	NOTE 11B	2.000	.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.648	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

NOTE: AC DASH NO's. CONT. ON SH.6

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			9/6/67	
H		REVISED PER TDRR 20892			9/26/67	
J		REVISED PER TDRR 20904			9/26/67	
K		REVISED PER TDRR 21379			11/16/67	
L		REVISED PER TDRR 21410			11/28/67	
M		REVISED PER TDRR 21993			1/17/68	
N		REVISED PER TDRR 22627			3/7/68	
P		REVISED PER TDRR 22671			3/7/68	
R		REVISED PER TDRR 22672			3/7/68	
S		REVISED PER TDRR 22750			3/5/68	
T		REVISED PER TDRR 22823			3/5/68	
U		REVISED PER TDRR 23072			4/16/68	
V		REVISED PER TDRR 23521			5/28/68	
W		REVISED PER TDRR 23824	RAJ		6/3/68	
Y		REVISED PER TDRR 24078	RAJ		7/16/68	
Z		REVISED PER TDRR 24040	RAJ		7/19/68	
AA		REVISED PER TDRR 24060	RAJ		7/29/68	
AB		REVISED PER TDRR 24868	RAJ		8/28/68	
AC		REVISED PER TDRR 24933	RAJ		8/29/68	
AD		REVISED PER TDRR 25065	RAJ		9/19/68	
AE		REVISED PER TDRR 25674	RAJ		2-4-69	
AF		REVISED PER TDRR 25671	RAJ		2-4-69	
AG		REVISED PER TDRR 26110	RAJ		2-25-69	
AH		REVISED PER TDRR 26372	"		3-26-69	
AJ		REVISED PER TDRR 26425	"		3-26-69	
AK		REVISED PER TDRR 26743	"		3-26-69	
AL		REVISED PER TDRR 26798	"		3-26-69	
AM		REVISED PER TDRR 27168	"		4-8-69	
AN		REVISED PER TDRR 27235	"		4-8-69	
AP		REVISED PER TDRR 27345	"		4-8-69	
AR		REVISED PER TDRR 27417	"		4-8-69	
AS		REVISED PER TDRR 27442	"		4-8-69	
AT		REVISED PER TDRR 27719	"		4-21-69	
AU		REVISED PER TDRR 27980	"		4-21-69	
AV		REVISED PER TDRR 27896	"		4-21-69	
AW		28110	"		5-16-69	
AY		28173	"		4-29-69	
AZ		28131	"		4-29-69	
BA		28124	"		4-29-69	
BB		REVISED PER TDRR 28511	"		5-26-69	
BC		" " " 28943	"		5-30-69	
BD		" " " 29222	"		6-9-69	
BE		" " " 29335	"		6-9-69	
BF		" " " 29322	"		6-24-69	
BG		" " " 29429	"		7-1-69	
BH		" " " 29449	"		7-2-69	
BJ		" " " 23335	"		7-2-69	
BK		" " " 29619	"		7-9-69	
BL		" " " 29696	"		6-29-69	
BM		REVISION STATUS CHANGED	JSD	MS	7-29-69	
BN		REVISION STATUS CHANGED	JJ	RW	8-14-69	
BP		REVISION STATUS CHANGED	JJ	RW	8-28-69	
BR		REVISED PER TDRR 29761	JJ	RW	9-18-69	
BS		REVISION STATUS CHANGED	GW	RW	10-15-69	
BT		REVISION STATUS CHANGED	GW	RW	10-15-69	
BU		REVISION STATUS CHANGED	JJ	RW	10-15-69	
BV		REVISION STATUS CHANGED	JJB	RW	10-15-69	
BW		REVISION STATUS CHANGED	JJB	RW	10-15-69	

THIS SHEET ADDED
G REPLACES REV F WITH CHANGE

A C ELECTRONICS DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ° —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY USED ON
APPLICATION

MIT INSTRUMENTATION LAB CAMBRIDGE MASS

MANNED SPACECRAFT CENTER HOUSTON TEXAS

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

DRAWN	R O Jones	7 16 68
CHECKED	D S Lyon	7 22 68
APPROVED		
APPROVED		
APPROVED MIT		
APPROVED MSC		

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260 | SCALE NONE | DATE

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NC.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
199	AC	EYEPIECE STOWAGE ASSY		2021255-081			A	II				NOTE 11B																																					
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234		NAS 9-497																																											
197	AC	SIGNAL CONDITIONER ASSY C/M		2007235																																												
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010			A					NOTE 11B																																					
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009																																												
194	AC	PANEL, MONITOR		2900031-031			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																									
193	AC	DISTRIBUTION BOX, G S E		2900024-031						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																									
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031																																												
191	AC	TEST CONTROL		2900027-031																																												
190	AC	PANEL, PWR SUP AND LOAD		2900031-041						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																									
189	AC	ADPT MODULE, P.S.A.		2900686-041																																												
188	AC	ADPT MODULE, P.S.A.		2901143-011																																												
187	AC	FIXTURE, MTG, PTA/PEA		2900066-041		NAS 9-497	B	II	NOTE 11C																																								
186	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-021						FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																									
185	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-011			A																																									
184	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS 9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																								
183	AC	INSTALLING TOOL, ELEC. CONN.		1902586-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 102 VALUES BELOW																																									
182	AC	ADPT MODULE, P.S.A.		6900588-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																									
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011			A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	.125	.906	.688	1.500	NA	.281	.125	.NA	1.094	2.062	.312	NA	2.500	.062	.125	1.312	.469	NA	NA	NA	.156	NA	.125	.469	.344	NA
180	AC	ADPT MODULE, P.S.A.		1902431-031			B	II		FOR DIMENSIONS, SEE DASH 121 VALUES BELOW																																								
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																									
178	AC	MOUNTING PLATE, COMPONENT		6900007-021																																												
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021																																												
176	AC	FIX., MOUNTING, G AND N		2900067-021																																												
175	AC	CSL, COOL. AND PWR, G AND N		1902134-031																																												
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011					NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																									
173	AC	FIX., HANDLING, C/M PSA		2900998-011																																												
172	AC	CAGING ELECTRONICS, GYRO		2900029-02						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																									
171	AC	DISTRIBUTION BOX, GSE		2900024-021																																												
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-02																																												
169	AC	ADPT, TESTPOINT, P.S.A.		2900037-021																																												
168	AC	TEST SELECTOR		2900028-02																																												
167	AC	TEST CONTROL		2900027-02																																												
166	AC	PANEL, MONITOR		2900031-021																																												
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																									
164	AC	INPUT-OUTPUT PANEL		2900926-011																																												
163	AC	CONTROL PANEL		2900896-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																									
162	AC	CSL CAL AND TEST, SCM/PSA AM		2900895-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																									
161	AC	FIX., LIFT AND HAND., IMU		IC 5472-011																																												
160	AC	FIX., HAND., G AND N HARNESS		1901846-051						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																									
159	AC	BATTERY POWER PACK		1900011-031			B	II	NOTE 11C																																								
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222			A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES. BELOW																																									
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222																																												
156	AC	POWER & SERVO ASSEMBLY C/M		2007200						2.125	.368	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.149	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201						FOR DIMENSIONS SEE DASH 100 VALUES BELOW																																								
154	AC	PULSE TORQUE ASSEMBLY - LEM		6007000																																											
153	AC	POWER & SERVO ASSEMBLY - LEM		6007200			A	I	NOTE 11B																																								
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																									
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																									
150	AC	JUNCTION BOX, BSA/GSE		1901933-021						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																									
149	AC	BATTERY PACK, LIFTING		2900814-011																																												
148	AC	MOUNTING PLATE, COMPONENT		6900007-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																									
147	AC	MOUNTING PLATE, COMPONENT		2900677-011																																											
146	AC	CART, TRANS, G AND N		1900005-041																																											
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS 9-497	B	II	NOTE 11C																																							
144	AC	FIX., MOUNTING, G AND N		1902204-031			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.188	.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
143	AC	CSL, COOL. AND PWR, G AND N		1902134-021						4.25	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011						4.25	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
141	AC	CONT, TEMP, PORTABLE		2900022-041						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-041						4.125	1.8	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011																																											
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021																																											
137	AC	FIX, MOUNTING, IMU/NAV BASE		6900003-011																																										
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011																																										
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																										
134	AC	FIX., HAND., G AND N HARNESS		2900069-011																																										
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011																																										
132	AC	FIX., MOUNTING, G AND N		2900067-041																																										
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-041																																										
130	AC	TESTER, GYRO WHEEL		2900061-011																																										
129	AC	COOLANT SUPPLY		1902133-021																																										
128	AC	TABLE, ROTARY		1900826-021						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
127	AC	FIX., HAND., OPTICS		1900822-011						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
126	AC	FIXTURE, MT., PTA PEA.		2900066-011																																										
125	AC	CONT, TEMP., IMU LIFTING		2900063-011																																										
124	AC	FIXTURE, [illegible]		2900064-011																																										
123	AC	CONT, OPTICS, REMOTE		1902046-021																																										
122	AC	TEST CONTROL		1902009-021																																										
121	AC	ADPT MODULE, P.S.A.		1902431-021																																										
120	AC	BRIDGE, DECADE ERROR		2900128-011																																										
119	AC	PWR SUP, ELECTRONICS		1900012-011																																										
118	AC	PWR SUP, RELAY AND LAMP		1900089-031																																										
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021																																										
116	AC	ADPT MODULE, P.S.A.		1902[illegible]-031																																										
115	AC	ADPT, TEST POINT, PTA/PEA.		2900[illegible]-021																																										
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																										
113	AC	CONTROL, GIMBAL POSITION		2900036-011																																										
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																										
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																										
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																										
109	AC	PANEL, MONITOR		2900031-011																																										
108	AC	PANEL, AUXILIARY INPUT		2900030-011																																									
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																									
106	AC	TEST SELECTOR		2900028-011																																									
105	AC	TEST CONTROL		2900027-011																																									
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																								
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																								
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.188	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	.875	NA	1.840	.046	.23	.16	1.938
101	AC	NAV SATION BASE ASSEMBLY - LEM		6899950		NAS 9-497	A	I	NOTE 11B	2.000	1.312	1.906	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
100	AC	NAVAGATION BASE ASSEMBLY		2899982		NAS 9-497	A	I	NOTE 11B	2.0[illegible]	.3[illegible]	1.9[illegible]	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTE: AC DASH NO's. CONT. ON SH.6

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

REVISIONS

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.				
H		REVISED PER TDRR 20892				
J		REVISED PER TDRR 20904				
K		REVISED PER TDRR 21373				
L		REVISED PER TDRR 21410				
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22872				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072				
V		REVISED PER TDRR 23527				
W		REVISED PER TDRR 23824	RAJ			
Y		REVISED PER TDRR 24018	RAJ			
Z		REVISED PER TDRR 24040	RAJ			
AA		REVISED PER TDRR 24060	RAJ			
AB		REVISED PER TDRR 24868	RAJ			
AC		REVISED PER TDRR 24923	RAJ			
AD		REVISED PER TDRR 25063	RAJ			
AE		REVISED PER TDRR 25672	RAJ			
AF		REVISED PER TDRR 25671	RAJ			
AG		REVISED PER TDRR 26110	RAJ			
AH		REVISED PER TDRR 26372	"			
AJ		REVISED PER TDRR 26425	"			
AK		REVISED PER TDRR 26743	"			
AL		REVISED PER TDRR 26798	"			
AM		REVISED PER TDRR 27405	"			
AN		REVISED PER TDRR 27265	"			
AP		REVISED PER TDRR 27345	"			
AR		REVISED PER TDRR 27417	"			
AS		REVISED PER TDRR 27442	"			
AT		REVISED PER TDRR 27719	"			
AU		REVISED PER TDRR 27840	"			
AV		REVISED PER TDRR 27895	"			
AW		28110	"			
AY		28173	"			
AZ		28131	"			
BA		28124	"			
BB		REVISED PER TDRR 28511	"			
BC		" " " 28849	"			
BD		" " " 29222	"			
BE		" " " 29235	"			
BF		" " " 29322	"			
BG		" " " 29429	"			
BH		" " " 29449	"			
BJ		" " " 29335	"			
BK		" " " 29619	"			
BL		" " " 29696	"			
BM		REVISION STATUS CHANGED	JSD	WS		
BN		REVISION STATUS CHANGED	JL	BW		
BP		REVISION STATUS CHANGED	JL	BW		
BR		REVISED PER TDRR 30241	JL	BW		
BS		REVISION STATUS CHANGED	GW	BW		
BT		REVISED PER TDRR 30[illegible]	[illegible]			
BU		REVISION STATUS CHANGED	BH	JL		
BV		REVISION STATUS CHANGED	JJB	BW		
BW		REVISION STATUS CHANGED	JJB	BW		
BY		REVISION STATUS CHANGED	WB	BW		

THIS SHEET ADDED
Ⓖ REPLACES REV F WITH CHANGE

AC ELECTRONICS DASH NUMBERS

LIST OF MATERIALS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

NEXT ASSY	USED ON		
APPLICATION			

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS ± .005 DECIMALS ± .005 ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL SEE NOTE 11

MIT INSTRUMENTATION LAB CAMBRIDGE MASS

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN	K O Jones	7 1 66
CHECKED	A J Lyons	7 22 66
APPROVED		
APPROVED		
APPROVED MIT		
APPROVED MSC		DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | SHEET 4 OF 6

NOTICE - THIS DOCUMENT CONTAINS INFORMATION OF A PROPRIETARY NATURE AND IS DISCLOSED ONLY FOR THE INFORMATION AND USE OF THE RECIPIENT. IT SHALL NOT BE DISCLOSED OUTSIDE THE RECIPIENT'S ORGANIZATION NOR DUPLICATED, USED OR DISCLOSED IN WHOLE OR IN PART FOR ANY PURPOSE WITHOUT THE PRIOR WRITTEN PERMISSION OF MIT INSTRUMENTATION LAB. THIS RESTRICTION DOES NOT LIMIT THE RIGHT TO USE INFORMATION OBTAINED FROM ANOTHER SOURCE.

| | | |

SEQ NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
99	AC	EYEPIECE STOWAGE UNIT		2021255-081			A	I		NOTE 11B									FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																														
98	AC	SIGNAL CONDITIONER ASSY C/M		2007234		NAS 9-497																																										
97	AC	SIGNAL CONDITIONER ASSY C/M		2007235																																											
96	AC	SIGNAL CONDITIONER ASSY LEM		6007010			A	I		NOTE 11B																																						
95	AC	PSA & SIGNAL CONDITIONER ASSY		6007009																																										
94	AC	PANEL, MONITOR		2900031-031			B	II		NOTE 11C									FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																														
93	AC	DISTRIBUTION BOX, GSE		2900024-031															FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																														
92	AC	ANALYZER, OPTICS-INERTIAL		2900023-031																																										
91	AC	TEST CONTROL		2900027-031																																										
90	AC	PANEL, PWR SUP AND LOAD		2900033-021															FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																														
89	AC	ADPT MODULE, P.S.A.		6900088-011																																										
88	AC	ADPT MODULE, P.S.A.		2901142-011																																										
87	AC	[illegible]		2021255-09		NAS 9-497	A	I		NOTE 11C																																					
86	AC	INDICATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-021			A	I											FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																														
85	AC	INDICATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-011			A	I																																					
84	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS 9-497	B	II		NOTE 11C									FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																														
83	AC	INSTALLING TOOL, ELEC. CONN		1902586-011			B	II		NOTE 11C									FOR DIMENSIONS, SEE DASH 102 VALUES BELOW																														
82	AC	ADPT MODULE, P.S.A.		6900098-011			B	II		NOTE 11C									FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																														
81	AC	G&N INDICATOR CONTROL PANEL ASSY		2014578-01			A	I		NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	.125	.906	.688	1.500	NA	.281	.125	NA	1.094	2.062	.312	NA	2.500	.062	.125	1.312	.469	NA	NA	NA	.156	NA	.125	.469	.344	NA
80	AC	ADPT MODULE, P.S.A.		1902431-031			B	II											FOR DIMENSIONS, SEE DASH 121 VALUES BELOW																														
79	AC	MOUNTING PLATE, IMU/PTA		6900083-011																																										
78	AC	MOUNTING PLATE, COMPONENT		6900077-021															FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																														
77	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021																																										
76	AC	FIX., MOUNTING, G AND N		2900067-021																																										
75	AC	FIX., COOL. AND PWR, G AND N		1902134-031																																										
74	AC	FIX., HAND., C/M AND LEM CDU		2900999-011						NOTE 11C									FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																														
73	AC	FIX., HANDLING, C/M PSA		2900998-011																																										
72	AC	CAGING ELECTRONICS, GYRO		2900029-021															FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																														
71	AC	DISTRIBUTION BOX, GSE		2900024-021																																										
	AC	ANALYZER, OPTICS-INERTIAL		2900023-021																																										
69	AC	ADPT, TEST POINT, P.S.A.		2900037-021																																										
68	AC	TEST SELECTOR		2900028-021																																										
67	AC	TEST CONTROL		2900027-021																																										
66	AC	PANEL, MONITOR		2900031-021																																										
65	AC	TERM. BOARD STORAGE DRAWER		2900927-011															FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																														
64	AC	INPUT/OUTPUT PANEL		2900926-011																																										
63	AC	CONTROL PANEL		2900896-011															FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																														
62	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011															FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																														
61	AC	FIX., LIFT AND HAND., IMU		1902132-011																																										
60	AC	FIX., HAND., G AND N HARNESS		1901846-021																																										
59	AC	BATTERY POWER PACK		1900011-031			B	II		NOTE 11C									FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																														
58	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222			A	I		NOTE 11B									FOR DIMENSIONS SEE DASH 100 VALUES BELOW																														
57	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222																																									
56	AC	POWER & SERVO ASSEMBLY C/M		2007200							2.156	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA
55	AC	PIPA ELECTRONICS ASSEMBLY		2007201															FOR DIMENSIONS SEE DASH 100 VALUES BELOW																														
54	AC	PULSE TORQUE ASSEMBLY - LEM		6007000																																									
53	AC	POWER & SERVO ASSEMBLY - LEM		6007200			A	I		NOTE 11B																																				
52	AC	CONT PNL, RSVR CKT TESTER		2900770-011			B	II		NOTE 11C									FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																														
51	AC	TESTER, RESOLVER CIRCUIT		2900706-011															FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																														
50	AC	JUNCTION BOX, PSA/GSE		1901933-021															FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																														
49	AC	BATTERY PACK, LIFTING		2900811-011																																									
48	AC	MOUNTING PLATE, COMPONENT		6900007-011															FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																														
47	AC	MOUNTING PLATE, COMPONENT		2900677-011																																										
46	AC	CART, TRANS. G AND N		1902005-041																																									
45	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS 9-497	B	II		NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.188 .184		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
44	AC	FIX., MOUNTING, G AND N		1902104-021			B	II		NOTE 11C	4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
43	AC	GSE, COOL AND PWR, G AND N		1902134-021							4.25	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
42	AC	ANALYZER, OPTICS-INERTIAL		2900023-011							4.25	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
41	AC	CONT. TEMP, PORTABLE		2900060-011							2.125	.968	1.718		.093	.031	.06	.093			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
40	AC	TESTER, CKT, IMU/CDU RSVR		2900086-011							4.125	.8	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
39	AC	SIMULATOR, LD/SIG, CDU		2900235-011																																									
38	AC	SIMULATOR, LD/SIG. OPTICS		1902923-021																																									
37	AC	FIX., MOUNTING, IMU/NAV BASE		6900033-011																																									
36	AC	FIXTURE, OPTICS/NAV BASE		2900067-011																																									
35	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																									
34	AC	FIX., HAND., G AND N HARNESS		2900069-011																																									
33	AC	CNTR, SHIPPING, NAV BASE		2900068-011																																									
32	AC	FIX., MOUNTING, G AND N		2900067-011																																									
31	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																									
30	AC	TESTER, GYRO WHEEL		2900061-011																																									
29	AC	COOLANT SUPPLY		1902133-021																																									
28	AC	TABLE, ROTARY		1902926-021							4.125	.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
27	AC	FIX., HAND., OPTICS		2900074-011							2.125	.968	1.718		.093	.031	.06	.093			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
26	AC	FIXT RESOLVER, PTA/PEA.		2900066-011																																									
25	AC	CONT, TEMP, IMU LIFTING		2900063-011																																									
24	AC	FIXTURE, HANDLING, IMU		2900064-011																																									
23	AC	CONT, OPTICS, REMOTE		1902246-021																																									
22	AC	TEST CONTROL		1902009-021																																										
21	AC	ADPT MODULE, P.S.A.		1902431-021																																									
20	AC	BRIDGE, DECADE, ERROR		2900128-011																																									
19	AC	PWR SUP, ELECTRONICS		2900129-011																																									
18	AC	PWR SUP, RELAY AND LAMP		1900049-031																																									
17	AC	CONSOLE, OSCILLOGRAPH		1900100-021																																									
16	AC	ADPT MODULE, P.S.A.		1902431-011																																									
15	AC	ADPT, TEST POINT, PTA/PEA.		2900135-011																																									
14	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																									
13	AC	CONTROL, GIMBAL POSITION		2900035-011																																									
12	AC	SELECTOR, SIGNAL, PRIMARY		2900034-011																																									
11	AC	SEL, SIG, OSCILLOGRAPH		2900033-011																																									
10	AC	PANEL, PWR SUP AND LOAD		2900031-011																																									
09	AC	PANEL, MONITOR		2900030-011																																										
08	AC	PANEL, AUXILIARY INPUT		2900029-011																																									
07	AC	CAGING ELECTRONICS, GYRO		2900026-011																																									
06	AC	TEST SELECTOR		2900027-011																																									
05	AC	TEST CONTROL		2900026-011																																										
04	AC	MONITOR AND CONTROL, TEMP		2900024-011																																									
03	AC	DISTRIBUTION BOX, GSE		2900007-011			B	II		NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.109 .104		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
02	AC	VOLTMETER, DIGITAL		6899950		NAS-9-497	A	I		NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
01	AC	NAVIGATION BASE ASSEMBLY - LEM		2899982		NAS-9-497	A	I		NOTE 11B	2.000	.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
00	AC	NAVIGATION BASE ASSEMBLY		2899981																																									

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

NOTE: AC DASH NO's. CONT. ON SH.6

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			7/26/66	
H		REVISED PER TDRR 20692			6/28/66	
J		REVISED PER TDRR 20904			6/28/66	
K		REVISED PER TDRR 21379			8/16/66	
L		REVISED PER TDRR 21410			8/16/66	
M		REVISED PER TDRR 21993			11/66	
N		REVISED PER TDRR 22621			11/66	
P		REVISED PER TDRR 22671			11/66	
R		REVISED PER TDRR 22672			11/66	
S		REVISED PER TDRR 22750			11/66	
T		REVISED PER TDRR 22823			11/65	
U		REVISED PER TDRR 23072			11/66	
V		REVISED PER TDRR 23521			12/26/66	
W		REVISED PER TDRR 23824	RAJ		1-9-65	
Y		REVISED PER TDRR 24018	RAJ		1-19-65	
Z		REVISED PER TDRR 24040	RAJ		1-19-65	
AA		REVISED PER TDRR 24060	RAJ		1-25-65	
AB		REVISED PER TDRR 24868	RAJ		2-22-65	
AC		REVISED PER TDRR 24973	RAJ		2-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-1966	
AE		REVISED PER TDRR 25672	RAJ		2-8-66	
AF		REVISED PER TDRR 25671	RAJ		2-8-66	
AG		REVISED PER TDRR 26110	RAJ		2-25-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-8-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-21-66	
AU		REVISED PER TDRR 27880	"		4-21-66	
AV		REVISED PER TDRR 27896	"		4-21-66	
AW		" " " 28110	"		5-16-66	
AY		" " " 28173	"		"	
AZ		" " " 28131	"		"	
BA		" " " 28124	"		"	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-26-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29322	"		6-24-66	
BG		" " " 29429	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		"	
BL		" " " 29696	"		6-29-66	
BM		REVISION STATUS CHANGED	SD	MS	7-1966	
BN		REVISION STATUS CHANGED	JE	RLW	7-1966	
BP		REVISION STATUS CHANGED	JE	RLW	7-1966	
BR		REVISED PER TDRR 30241	JE	RLW	11-1966	
BS		REVISION STATUS CHANGED	GW	RLW	10 OCT 66	
BT		REVISION STATUS CHANGED	GW	RLW	10 OCT 66	
BU		REVISION STATUS CHANGED	EH	JE	10 OCT 66	
BV		REVISION STATUS CHANGED	JJB	RLW	10 OCT 66	
BW		REVISION STATUS CHANGED	JJB	RLW	10 OCT 66	
BY		REVISION STATUS CHANGED	JJB	RLW	10 OCT 66	
BZ		REVISION STATUS CHANGED	JJB	RLW	10 OCT 66	
CA		REVISION STATUS CHANGED	JJB	RLW	25 OCT 66	

THIS SHEET ADDED
© REPLACES REV F WITH CHANGE

A.C ELECTRONICS DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FINC NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± —— ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

FS APPLICABLE
NEXT ASSY USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

DRAWN R. A. Jones 7 1666
CHECKED D. J. Lange 7-22-66
APPROVED
APPROVED MIT
APPROVED MSC
DATE

CODE IDENT NO 80230
SIZE E
DRAWING NO. 1004260
SCALE NONE
SHEET 1 OF

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
199	AC	EYEPIECE STOWAGE UNIT		2021255-081																																													
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234		NAS 9-497	A	I	NOTE 11B																																										
197	AC	SIGNAL CONDITIONER ASSY C/M		2007235																																														
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010																																													
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009			A	I	NOTE 11B																																									
194	AC	PANEL, MONITOR		2900031-031			B	II	NOTE 11C																																									
193	AC	DISTRIBUTION BOX, G S E		2900024-031																																													
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031																																													
191	AC	TEST CONTROL		2900027-031																																													
190	AC	PANEL, PWR SUP AND LOAD		2900033-021																																													
189	AC	ADPT MODULE, P. S.A.		6900088-011																																													
188	AC	ADPT MODULE, P. S.A.		2901143 - 011																																													
187	AC	FIXTURE, MTG, PTA/PEA		2900066 - 021		NAS 9-497	B	II	NOTE 11C																																										
186	AC	AN INDICATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-021			A	I																																									
185	AC	AN INDICATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-011			A	I																																									
184	AC	P N PANEL, G AND N HARNESS		1901846-041		NAS 9-497	B	II	NOTE 11C																																										
183	AC	INSTALLING TOOL, ELEC, CONN		1902586-011			B	II	NOTE 11C																																									
182	AC	ADPT MODULE, P.S.A.		6900088-011			B	II	NOTE 11C																																									
81	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011			A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.906	.688	1.500	NA	.281	.125	NA	1.094	2.062	.312	NA	2.500	.062	.125	1.312	.469	NA	NA	NA	.156	NA	.125	.469	.344	NA
80	AC	ADPT MODULE, P.S.A.		1902431-031			B	II																																									
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011																																													
178	AC	MOUNTING PLATE, COMPONENT		6900007-021																																												
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021																																												
176	AC	FIX., MOUNTING, G AND N		2900067-021																																												
175	AC	CSL, COOL. AND PWR, G AND N		1902134-031																																												
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011																																												
173	AC	FIX., HANDLING, C/M PSA		2900998-011																																												
172	AC	CAGING ELECTRONICS, GYRO		2900029-021																																												
171	AC	DISTRIBUTION BOX, GSE		2900024-021																																												
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021																																												
169	AC	ADPT, TESTPOINT, P.S.A.		2900037-021																																												
168	AC	TEST SELECTOR		2900028-021																																												
167	AC	TEST CONTROL		2900027-021																																												
166	AC	PANEL, MONITOR		2900031-021																																												
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011																																												
164	AC	INPUT/OUTPUT PANEL		2900926-011																																												
163	AC	CONTROL PANEL		2900896-011																																												
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011																																												
161	AC	FIX., LIFT AND HAND., IMU		10 5462-011																																												
160	AC	FIX., HAND., G AND N HARNESS		1901846-031																																												
159	AC	BATTERY POWER PACK		1900011-031			B	II	NOTE 11C																																									
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222			A	I	NOTE 11B																																									
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		6007222			A	I	NOTE 11B																																									
156	AC	POWER & SERVO ASSEMBLY C/M		2007200						2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201																																												
154	AC	PULSE TORQUE ASSEMBLY - LEM		6007000																																												
153	AC	POWER & SERVO ASSEMBLY - LEM		6007200			A	I	NOTE 11B																																									
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011			B	II	NOTE 11C																																									
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011																																												
150	AC	JUNCTION BOX, P.S.A./GSE.		1901933-021																																												
149	AC	BATTERY PACK, LIFTING		2900612-011																																												
148	AC	MOUNTING PLATE, COMPONENT		6900007-011																																												
147	AC	MOUNTING PLATE, COMPONENT		2900677-011																																												
146	AC	CART, TRANS, G AND N		1900005-041																																												
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS 9-497	B	II	NOTE 11C																																									
144	AC	FIX., MOUNTING, G AND N		1902204 - 021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.188 .094		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
143	AC	CSL, COOL. AND PWR, G AND N		1902134 - 021						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
142	AC	ANALYZER, OPTICS-INERTIAL		2900023 - 011						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
141	AC	CONT, TEMP, PORTABLE		2900060-011						2.125	.968	1.718		.093	.031	.06	.093			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011																																												
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021																																												
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011																																												
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011																																												
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																												
134	AC	FIX., HAND., G AND N HARNESS		2900069-011																																												
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011																																												
132	AC	FIX., MOUNTING, G AND N		2900067-011																																												
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																												
130	AC	TESTER, GYRO WHEEL		2900061-011																																											
129	AC	COOLANT SUPPLY		1902133-021																																												
128	AC	TABLE, ROTARY		1900926-021						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
127	AC	FIX., HAND., OPTICS		2900074-011						2.125	.968	1.718		.093	.031	.06	.093			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
126	AC	FIXTURE, MTG, PTA/PEA.		2900066-011																																											
125	AC	CONT, TEMP, IMU LIFTING		2900063-011																																											
124	AC	FIXTURE, HANDLING, IMU		2900064-011																																											
123	AC	CONT, OPTICS, REMOTE		1902046-021																																										
122	AC	TEST CONTROL		1902009-021																																											
121	AC	ADPT MODULE, P.S.A.		1902431-021																																										
120	AC	BRIDGE, DECADE ERROR		2900128-011																																										
119	AC	PWR SUP, ELECTRONICS		2900012-011																																										
118	AC	PWR SUP, RELAY AND LAMP		1900049-031																																										
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021																																										
116	AC	ADPT MODULE, P.S.A.		1902431-011																																										
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011																																										
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																										
113	AC	CONTROL, GIMBAL POSITION		2900036-011																																										
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																										
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																										
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																										
109	AC	PANEL, MONITOR		2900031-011																																										
108	AC	PANEL, AUXILIARY INPUT		2900030-011																																									
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																									
106	AC	TEST SELECTOR		2900028-011																																									
105	AC	TEST CONTROL		2900027-011																																								
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																								
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																								
102	AC	VOLTMETER, DIGITAL		2900007 011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.188 .094		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
101	AC	NAVIGATION BASE ASSEMBLY - LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

NOTE: AC DASH NO's. CONT. ON SH.6

REVISIONS						
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			3/4/65	
H		REVISED PER TDRR 20892			4/2/65	
J		REVISED PER TDRR 20904			4/30/65	
K		REVISED PER TDRR 21279			5/21/65	
L		REVISED PER TDRR 21410			6/1/65	
M		REVISED PER TDRR 21993			7/7/65	
N		REVISED PER TDRR 22621			8/27/65	
P		REVISED PER TDRR 22671			9/7/65	
R		REVISED PER TDRR 22672			9/7/65	
S		REVISED PER TDRR 22750			9/17/65	
T		REVISED PER TDRR 22823			9/27/65	
U		REVISED PER TDRR 23072			11/4/65	
V		REVISED PER TDRR 23521			10/26/65	
W		REVISED PER TDRR 23824	RAJ		11-9-65	
Y		REVISED PER TDRR 24018	RAJ		11-16-65	
Z		REVISED PER TDRR 24040	RAJ		11-19-65	
AA		REVISED PER TDRR 24060	RAJ		11-19-65	
AB		REVISED PER TDRR 24868	RAJ		12-22-65	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-11-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-15-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26738	"		3-16-66	
AM		REVISED PER TDRR 27408	"		4-18-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-21-66	
AU		REVISED PER TDRR 27880	"		4-21-66	
AV		REVISED PER TDRR 27896	"		4-29-66	
AW		" " " 28110	"		5-16-66	
AY		" " " 28173	"		5-24-66	
AZ		" " " 28131	"		5-24-66	
BA		" " " 28124	"		5-24-66	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28943	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29358	"		"	
BF		" " " 29322	"		6-8-66	
BG		" " " 29429	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29359	"		"	
BK		" " " 29369	"		"	
BL		" " " 29696	"		6-29-66	
BM		REVISION STATUS CHANGED	JSD	RLW	7-7-66	
BN		REVISION STATUS CHANGED	JE	RLW	11-1-66	
BP		REVISION STATUS CHANGED	JE	RLW	11-1-66	
BR		REVISED PER TDRR 30161	JE	RLW	11-1-66	
BS		REVISION STATUS CHANGED	JE	RLW	11-1-66	
BT		REVISION STATUS CHANGED	GW	RLW	11-1-66	
BV		REVISION STATUS CHANGED	EM	RLW	10-27-66	
BW		REVISION STATUS CHANGED	JJB	RLW	10-27-66	
BY		REVISION STATUS CHANGED	JJB	RLW	10 OCT 66	
BZ		REVISION STATUS CHANGED	JJB	RLW	10 OCT 66	
CA		REVISION STATUS CHANGED	JJB	RLW	25 OCT 66	
CB		REVISION STATUS CHANGED	REF	RLW	10 DEC 66	

THIS SHEET ADDED
© REPLACES REV F WITH CHANGE

A C ELECTRONICS DASH NUMBERS

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± ±.005 ± —
DO NOT SCALE THIS DRAWING
MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

LIST OF MATERIALS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN 7-16-65
CHECKED 7-22-65
APPROVED
APPROVED
APPROVED MIT 11-4-66
APPROVED MSC DATE 11-4-66

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 4 OF 6

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
99	AC	EYEPIECE STOWAGE UNIT		2021255-081																																													
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234		NAS 9-497	A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																											
97	AC	SIGNAL CONDITIONER ASSY C/M		2007235																																															
96	AC	SIGNAL CONDITIONER ASSY LEM		6007010																																														
195	AC	P.S.A. & SIGNAL CONDITIONER ASSY		6007009			A	I	NOTE 11B																																										
194	AC	PANEL, MONITOR		2900031-031			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																											
193	AC	DISTRIBUTION BOX, G.S.E.		2900024-031						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																											
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031																																														
191	AC	TEST CONTROL		2900027-031						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																											
190	AC	PANEL, PWR SUP AND LOAD		2900033-021																																														
189	AC	ADPT MODULE, P.S.A.		6900088-011						FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																											
188	AC	ADPT MODULE, P.S.A.		2901143-011																																														
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021		NAS 9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																											
186	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-021			A	I																																										
185	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-011			A	I		FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																											
184	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS 9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																											
183	AC	INSTALLING TOOL, ELEC. CONN		1903286-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 102 VALUES BELOW																																											
182	AC	ADPT MODULE, P.S.A.		6900088-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																											
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011			A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.906	.688	1.500	NA	.281	.125	.NA	1.094	2.062	.312	NA	2.500	.062	.125	1.312	.469	NA	NA	NA	.156	NA	.125	.469	.344	NA
180	AC	ADPT MODULE, P.S.A.		1902431-031			B	II		FOR DIMENSIONS, SEE DASH 121 VALUES BELOW																																											
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011																																														
178	AC	MOUNTING PLATE, COMPONENT		6900007-021						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																											
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021																																														
176	AC	FIX., MOUNTING, G AND N		2900067-021																																														
175	AC	CSL, COOL, AND PWR, G AND N		1902134-031																																														
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011					NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																											
173	AC	FIX., HANDLING, C/M PSA		2900998-011																																														
172	AC	CAGING ELECTRONICS, GYRO		2900029-021																																														
171	AC	DISTRIBUTION BOX, G.S.E.		2900024-021						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																											
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021																																														
169	AC	ADPT, TESTPOINT, P.S.A.		2900037-021																																														
168	AC	TEST SELECTOR		2900028-021																																														
167	AC	TEST CONTROL		2900027-021																																														
166	AC	PANEL, MONITOR		2900031-021																																														
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011																																														
164	AC	INPUT/OUTPUT PANEL		2900926-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																											
163	AC	CONTROL PANEL		2900896-011																																														
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																											
161	AC	FIX., LIFT AND HAND., IMU		10154-52-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																											
160	AC	FIX., HAND., G AND N HARNESS		1901846-031																																														
159	AC	BATTERY POWER PACK		1900011-031			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																											
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222			A	I	NOTE 11B	2.625	.968	1.718	NA	.093	.031	.06	.094	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222						FOR DIMENSIONS SEE DASH 100 VALUES BELOW																																											
156	AC	POWER & SERVO ASSEMBLY C/M		2007201																																														
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201																																														
154	AC	PULSE TORQUE ASSEMBLY - LEM		6007000																																														
153	AC	POWER & SERVO ASSEMBLY - LEM		6007200			A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW																																											
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011			B	II	NOTE 11C																																										
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																											
150	AC	JUNCTION BOX, RSA/GSE		1901933-021						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																											
149	AC	BATTERY PACK, LIFTING		2900612-011						FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																											
148	AC	MOUNTING PLATE, COMPONENT		6900007-011						FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																											
147	AC	MOUNTING PLATE, COMPONENT		2900677-011																																														
146	AC	CART, TRANS, G AND N		1900005-041																																														
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS 9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.188 .156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
144	AC	FIX., MOUNTING, G AND N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
143	AC	CSL, COOL, AND PWR, G AND N		1902134-021						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
141	AC	CONT, TEMP, PORTABLE		2900060-011						2.125	.968	1.718		.093	.031	.06	.094			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.698		3.687	.093	.40	.25	3.875
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011																																													
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021																																														
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011																																														
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011																																														
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																														
134	AC	FIX., HAND., G AND N HARNESS		2900069-011																																														
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011																																														
132	AC	FIX., MOUNTING, G AND N		2900067-011																																														
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																														
130	AC	TESTER, GYRO WHEEL		2900061-011																																														
129	AC	COOLANT SUPPLY		1902133-021																																														
128	AC	TABLE, ROTARY		1902026-021																																														
127	AC	FIX., HAND., OPTICS		2900074-011						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
126	AC	FIXTURE, MTG, PTA/PEA.		2900066-011						2.125	.968	1.718		.093	.031	.06	.094			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
125	AC	CONT, TEMP, IMU LIFTING		2900063-011																																													
124	AC	FIXTURE, HANDLING, IMU		2900064-011																																													
123	AC	CONT, OPTICS, REMOTE		1902046-021																																												
122	AC	TEST CONTROL		1902009-021																																												
121	AC	ADPT MODULE, P.S.A.		1902431-021																																												
120	AC	BRIDGE, DECADE ERROR		2900128-011																																												
119	AC	PWR SUP, ELECTRONICS		2900012-011																																												
118	AC	PWR SUP, RELAY AND LAMP		1900049-031																																												
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021																																											
116	AC	ADPT MODULE, P.S.A.		1902431-011																																											
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011																																											
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																											
113	AC	CONTROL, GIMBAL POSITION		2900036-011																																											
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																											
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																										
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																										
109	AC	PANEL, MONITOR		2900031-011																																										
108	AC	PANEL, AUXILIARY INPUT		2900030-011																																									
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																									
106	AC	TEST SELECTOR		2900028-011																																									
105	AC	TEST CONTROL		2900027-011																																								
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																								
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																							
102	AC	VOLTMETER, DIGITAL		2900007 011																																							
101	AC	NAVIGATION BASE ASSEMBLY - LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

NOTE: AC DASH NO'S. CONT. ON SH.6

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
C		REPLACES REV F WITH CHANGE PER TDRR 20854.			12/16/65	WK
H		REVISED PER TDRR 20892			6/16/65	WK
J		REVISED PER TDRR 20904			6/21/65	WK
K		REVISED PER TDRR 21379			9/16/65	WK
L		REVISED PER TDRR 21410			8/19/65	WK
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823			11/65	WK
U		REVISED PER TDRR 23072			11-1-65	WK
V		REVISED PER TDRR 23521			10-26-65	WK
W		REVISED PER TDRR 23824	RAJ		11-9-65	WK
Y		REVISED PER TDRR 24018	RAJ		11-16-65	WK
Z		REVISED PER TDRR 24040	RAJ		11-19-65	WK
AA		REVISED PER TDRR 24060	RAJ		11-19-65	WK
AB		REVISED PER TDRR 24868	RAJ		12-22-65	WK
AC		REVISED PER TDRR 24973	RAJ		1-4-66	WK
AD		REVISED PER TDRR 25065	RAJ		1-18-66	WK
AE		REVISED PER TDRR 25672	RAJ		2-4-66	WK
AF		REVISED PER TDRR 25671	RAJ		2-4-66	WK
AJ		REVISED PER TDRR 2610	RAJ		2-15-66	WK
A-		REVISED PER TDRR 26372	"		3-16-66	WK
AJ		REVISED PER TDRR 26425	"		3-16-66	WK
AK		REVISED PER TDRR 26743	"		3-16-66	WK
AL		REVISED PER TDRR 26798	"		3-16-66	WK
AM		REVISED PER TDRR 27168	"		4-8-66	WK
AN		REVISED PER TDRR 27235	"		4-8-66	WK
AP		REVISED PER TDRR 27345	"		4-8-66	WK
AR		REVISED PER TDRR 27417	"		4-8-66	WK
AS		REVISED PER TDRR 27442	"		4-8-66	WK
AT		REVISED PER TDRR 27719	"		4-21-66	WK
AU		REVISED PER TDRR 27880	"		4-21-66	WK
AV		REVISED PER TDRR 27896	"		4-21-66	WK
AW		" " 28110	"		5-16-66	WK
AY		" " 28173	"		"	"
AZ		" " 28131	"		"	"
BA		" " 28124	"		"	"
BB		REVISED PER TDRR 28511	"		5-16-66	WK
BC		" " " 28949	"		5-24-66	WK
BD		" " " 29222	"		6-8-66	WK
BE		" " " 29235	"		"	"
BF		" " " 29322	"		6-24-66	WK
BG		" " " 29438	"		"	"
BH		" " " 29449	"		"	"
BJ		" " " 29335	"		"	"
BK		" " " 29619	"		"	"
BL		" " " 29696	"		6-29-66	WK
BM		REVISION STATUS CHANGED	JSC	MS	7-20-66	
BN		REVISION STATUS CHANGED	JJ	RLW	8-6-65	
BP		REVISION STATUS CHANGED	JJ	RLW	8-6-65	
BR		REVISED PER TDRR 30241	JJ	RLW	8-6-65	
BS		REVISION STATUS CHANGED	GW	RLW	9-2-65	
BT		REVISION STATUS CHANGED	GW	RLW	9-2-65	
BU		REVISION STATUS CHANGED	EH	JJ	9-2-65	
BV		REVISION STATUS CHANGED	JJB	RLW	10 SEPT 65	
BW		REVISION STATUS CHANGED	JJB	RLW	10 SEPT 65	
BY		REVISION STATUS CHANGED	JJB	RLW	10 OCT 65	
BZ		REVISION STATUS CHANGED	JJB	RLW	10 OCT 65	
CA		REVISION STATUS CHANGED	JJB	WK	25 OCT 65	
CB		REVISION STATUS CHANGED	REF	WK	10 DEC 65	
CC		REVISION STATUS CHANGED	AF	WK	13 JAN 66	

THIS SHEET ADDED
(G) REPLACES REV F, WITH CHANGE

A C ELECTRONICS DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS DECIMALS ANGLES ± — ±.005 ± —
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 11
AS APPLICABLE
NEXT ASSY USED ON
APPLICATION

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN R.C. Jones 7-16-65
CHECKED A.J. Pappa 7-22-65
APPROVED
APPROVED W.K. Kaplan 8-2-65
APPROVED MIT W.K. Kaplan 8-2-65
APPROVED MSC 8-4-65

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 SIZE E DRAWING NO. 1004260
DATE SCALE NONE SHEET 4 OF 6

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
199	AC	EYEPIECE STOWAGE UNIT		2021255-011				A	I																																					
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234		NAS 9-497		A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																							
197	AC	SIGNAL CONDITIONER ASSY C/M		2007235																																												
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010																																											
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009				A	I	NOTE 11B																																						
194	AC	PANEL, MONITOR		2900031-031				B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
193	AC	DISTRIBUTION BOX, G S E		2900024-031							FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031							FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
191	AC	TEST CONTROL		2900027-031																																												
190	AC	PANEL, PWR SUP AND LOAD		2900033-021																																											
189	AC	ADPT MODULE, P.S.A.		6900088-011																																											
188	AC	ADPT MODULE, P.S.A.		2901143-011																																											
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021		NAS 9-497		B	II	NOTE 11C																																						
186	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-021				A	I		FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																							
185	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-011				A	I		FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
184	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS 9-497		B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
183	AC	INSTALLING TOOL, ELEC, CONN		1902586-011				B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 102 VALUES BELOW																																							
182	AC	ADPT MODULE, P.S.A.		6900088011				B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011				A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	.125	.906	.688	1.500	NA	.281	.125	NA	1.094	2.062	.312	NA	2.500	.062	.125	1.312	.469	NA	NA	NA	.156	NA	.125	.469	.344	NA
180	AC	ADPT MODULE, P.S.A.		1902431-031				B	II		FOR DIMENSIONS, SEE DASH 121 VALUES BELOW																																							
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011																																											
178	AC	MOUNTING PLATE, COMPONENT		6900007-021							FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021																																											
176	AC	FIX., MOUNTING, G AND N		2900067-021																																											
175	AC	CSL, COOL. AND PWR, G AND N		1902134-031																																											
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011						NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
173	AC	FIX., HANDLING, C/M PSA		2900998-011																																											
172	AC	CAGING ELECTRONICS, GYRO		2900029-021																																											
171	AC	DISTRIBUTION BOX, G S E		2900024-021																																											
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021							FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
169	AC	ADPT, TEST-POINT, P.S.A.		2900037-021																																											
168	AC	TEST SELECTOR		2900028-021																																												
167	AC	TEST CONTROL		2900027-021																																												
166	AC	PANEL, MONITOR		2900031-021																																												
165	AC	TERM. BOARD STORAGE DRAWER		2900027-011																																											
164	AC	INPUT/OUTPUT PANEL		2900926-011							FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
163	AC	CONTROL PANEL		2900896-011																																												
162	AC	CSL, CAL AND TEST, SCM/PSA&M		2900895-011							FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
161	AC	FIX., LIFT AND HAND., IMU		1015462-011							FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
160	AC	FIX., HAND., G AND N HARNESS		1901846-031																																											
159	AC	BATTERY POWER PACK		1900011-034				B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222				A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW																																							
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222																																											
156	AC	POWER & SERVO ASSEMBLY C/M		2007200							2.125	.968	1.718	NA	.093	.031	.06	.059	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201																																										
154	AC	PULSE TORQUE ASSEMBLY - LEM		6007000							FOR DIMENSIONS SEE DASH 100 VALUES BELOW																																							
153	AC	POWER & SERVO ASSEMBLY - LEM		6007200				A	I	NOTE 11B																																						
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011				B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011							FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																							
150	AC	JUNCTION BOX, P.S.A./GSE		1901933-021							FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																							
149	AC	BATTERY PACK, LIFTING		2900612-011							FOR DIMENSIONS, S..E DASH 144 VALUES BELOW																																							
148	AC	MOUNTING PLATE, COMPONENT		6900007-011																																											
147	AC	MOUNTING PLATE, COMPONENT		2900677-011																																											
146	AC	CART, TRANS, G AND N		1900005-041																																											
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS9-497		B	II	NOTE 11C																																						
144	AC	FIX., MOUNTING, G AND N		1902204-021				B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.688 .594		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
143	AC	CSL, COOL. AND PWR, G AND N		1902134-021							4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011							4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
141	AC	CONT, TEMP, PORTABLE		2900760-011							2.125	.968	1.718		.093	.031	.06	.059			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011							4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011																																											
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021																																											
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011																																										
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011																																										
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																										
134	AC	FIX., HAND., G AND N HARNESS		2900069-011																																										
133	AC	CNTR., SHIPPING, NAV BASE		2900068-011																																										
132	AC	FIX., MOUNTING, G AND N		2900067-011																																										
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																										
130	AC	TESTER, GYRO WHEEL		2900061-011																																										
129	AC	COOLANT SUPPLY		1902133-021																																											
128	AC	TABLE, ROTARY		1900925-021							4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
127	AC	FIX., HAND., OPTICS		2900074-011							2.125	.968	1.718		.093	.031	.06	.059			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
126	AC	FIX., MOUNTING, PTA/PEA		2900046-011																																										
125	AC	CONT, TEMP, IMU LIFTING		2900063-011																																										
124	AC	FIXTURE, HANDLING, IMU		2900064-011																																										
123	AC	CONT, OPTICS, REMOTE		1902046-021																																										
122	AC	TEST CONTROL		1902009-021																																											
121	AC	ADPT MODULE, P.S.A.		1902431-021																																										
120	AC	BRIDGE, DECADE ERROR		2900128-011																																										
119	AC	PWR SUP, ELECTRONICS		2900012-011																																										
118	AC	PWR SUP, RELAY AND LAMP		1900089-031																																										
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021																																										
116	AC	ADPT MODULE, P.S.A.		1902431-011																																										
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011																																										
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																										
113	AC	CONTROL, GIMBAL POSITION		2900036-011																																										
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																										
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																										
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																										
109	AC	PANEL, MONITOR		2900031-011																																											
108	AC	PANEL, AUXILIARY INPUT		2900030-011																																										
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																										
106	AC	TEST SELECTOR		2900028-011																																										
105	AC	TEST CONTROL		2900027-011																																											
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																										
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																										
102	AC	VOLTMETER, DIGITAL		2900007 011				B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.059	NA	NA	.093	.858	.606	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
101	AC	NAVIGATION BASE ASSEMBLY - LEM		6899950		NAS-9-497		A	I	NOTE 11B	2.000	1.312	1.906	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497		A	I	NOTE 11B	2.000	1.312	1.906	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTE: AC DASH NO's. CONT. ON SH.6

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

REVISIONS						0276 F
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			12/6/65	
H		REVISED PER TDRR 20892			12/15/65	
J		REVISED PER TDRR 20904			12/21/65	
K		REVISED PER TDRR 21379			2/16/66	
L		REVISED PER TDRR 21410			2/17/66	
M		REVISED PER TDRR 21993			3/9/66	
N		REVISED PER TDRR 22621			3/9/66	
P		REVISED PER TDRR 22671			3/9/66	
R		REVISED PER TDRR 22672			3/9/66	
S		REVISED PER TDRR 22750			3/15/66	
T		REVISED PER TDRR 22823			3/16/66	
U		REVISED PER TDRR 23072			3/22/66	
V		REVISED PER TDRR 23521			4/26/66	
W		REVISED PER TDRR 23824	RAJ		4-9-66	
Y		REVISED PER TDRR 24018	RAJ		4-15-66	
Z		REVISED PER TDRR 24040	RAJ		4-19-66	
AA		REVISED PER TDRR 24060	RAJ		4-19-66	
AB		REVISED PER TDRR 24868	RAJ		4-29-66	
AC		REVISED PER TDRR 24973	RAJ		4-29-66	
AD		REVISED PER TDRR 25065	RAJ		4-29-66	
AE		REVISED PER TDRR 25672	RAJ		5-4-66	
AF		REVISED PER TDRR 25671	RAJ		5-4-66	
AG		REVISED PER TDRR 26110	RAJ		5-13-66	
AH		REVISED PER TDRR 26372	"		5-16-66	
AJ		REVISED PER TDRR 26425	"		5-16-66	
AK		REVISED PER TDRR 26743	"		5-16-66	
AL		REVISED PER TDRR 26798	"		5-16-66	
AM		REVISED PER TDRR 27168	"		4-8-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-21-66	
AU		REVISED PER TDRR 27880	"		4-21-66	
AV		REVISED PER TDRR 27896	"		4-21-66	
AW		28110	"		5-16-66	
AY		28173	"		"	
AZ		28131	"		"	
BA		28124	"		"	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29302	"		6-9-66	
BG		" " " 29423	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		"	
BL		" " " 29696	"		6-29-66	
BM		REVISION STATUS CHANGED	JSD	NS	7-20-66	
BN		REVISION STATUS CHANGED	JE	RLW	11-4-66	
BP		REVISION STATUS CHANGED	JE	RLW	11-4-66	
BR		REVISED PER TDRR 30241	JE	RLW	11-4-66	
BS		REVISION STATUS CHANGED	GW	RLW	10-25-66	
BT		REVISION STATUS CHANGED	GW	RLW	10-25-66	
BU		REVISION STATUS CHANGED	EH	JE	10-25-66	
BV		REVISION STATUS CHANGED	JJB	RLW	10-25-66	
BW		REVISION STATUS CHANGED	JJB	RLW	10-25-66	
BY		REVISION STATUS CHANGED	JJB	RLW	10 OCT 66	
BZ		REVISION STATUS CHANGED	JJB	RLW	10 OCT 66	
CA		REVISION STATUS CHANGED	JJB	RLW	25 OCT 66	
CB		REVISION STATUS CHANGED	REF	RLW	10 DEC 66	
CC		REVISION STATUS CHANGED	AF	RLW	10 Nov 66	
CD		REVISION STATUS CHANGED	VR	JE	16 DEC 66	

THIS SHEET ADDED
(G) REPLACES REV F, WITH CHANGE

AC ELECTRONICS DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. CAPACITOR VALUES ARE IN μf. RESISTOR VALUES ARE IN OHMS. TOLERANCES ON FRACTIONS ±.005, DECIMALS ±.005, ANGLES ± —. DO NOT SCALE THIS DRAWING.

MATERIAL: SEE NOTE 11

AS APPLICABLE — NEXT ASSY — USED ON — APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN	R.C. Lange	7-16-65
CHECKED	D.J. Lange	7-22-65
APPROVED		
APPROVED	W.R. Hopkins	8-4-65
APPROVED MIT	W.R. Hopkins	8-4-65
APPROVED MSC	Robert L. Lee	8-4-65

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260

DATE | SCALE NONE | SHEET 4 OF 6

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AR	AS
199	AC	EYEPIECE STORAGE UNIT		2021255-011																																											
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234																																											
197	AC	SIGNAL CONDITIONER ASSY C/M		2007235																																											
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010																																										
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009																																										
194	AC	PANEL, MONITOR		2900031-031																																											
193	AC	DISTRIBUTION BOX, G S E		2900024-031																																										
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031																																										
191	AC	TEST CONTROL		2900027-031																																										
190	AC	PANEL, PWR SUP AND LOAD		2900033-031																																										
189	AC	ADPT MODULE, P.S.A.		2900088-011																																										
188	AC	ADPT MODULE, P.S.A.		2901143-011																																										
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021																																										
186	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-021																																										
185	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-011																																										
184	AC	G AND N HARNESS		1901846-041																																										
183	AC	INSTALLING TOOL, ELEC. CONN		1902586-011																																										
182	AC	ADPT MODULE, P.S.A.		6900088-011																																										
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011																																										
180	AC	ADPT MODULE, P.S.A.		1902431-031																																										
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011																																										
178	AC	MOUNTING PLATE, COMPONENT		6900007-021																																										
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021																																										
176	AC	FIX, MOUNTING, G AND N		2900067-021																																										
175	AC	ESS., COOL, AND PWR, G AND N		1902134-031																																										
174	AC	FIX, HAND., C/M AND LEM CDU		2900999-011																																										
173	AC	FIX, HANDLING, C/M PSA		2900998-011																																										
172	AC	CAGING ELECTRONICS, GYRO		2900029-021																																										
171	AC	DISTRIBUTION BOX, GSE		2900024-021																																										
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021																																										
169	AC	ADPT, TEST POINT, P.S.A.		2900037-021																																										
168	AC	TEST SELECTOR		2900028-021																																										
167	AC	TEST CONTROL		2900027-021																																										
166	AC	PANEL, MONITOR		2900031-021																																										
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011																																										
164	AC	INPUT/OUTPUT PANEL		2900926-011																																										
163	AC	CONTROL PANEL		2900896-011																																										
162	AC	PSL, CAL AND TEST, SCM/PSAAM		2900855-011																																										
161	AC	FIX., LIFT AND HAND., IMU		IC 5452-011																																										
160	AC	FIX, HAND, G AND N HARNESS		1901846-031																																										
159	AC	BATTERY POWER PACK		1900011-031		B	II	NOTE IIC																																						
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222		A	I	NOTE IIB																																						
157	AC	COUPLING DATA UNIT ASSEMBLY LEM		2007222																																										
156	AC	POWER & SERVO ASSEMBLY C/M		2007200						2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA
155	AC	FIX, ELECTRONICS ASSEMBLY		2007201																																										
154	AC	PULSE TORQUE ASSEMBLY-LEM		6007000																																										
153	AC	POWER & SERVO ASSEMBLY-LEM		6007200		A	I	NOTE IIB																																						
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011		B	II	NOTE IIC																																						
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011																																										
150	AC	JUNCTION BOX, PSA/GSE		1901933-021																																										
149	AC	BATTERY PACK, LIFTING		2900814-011																																										
148	AC	MOUNTING PLATE, COMPONENT		6900007-011																																										
147	AC	MOUNTING PLATE, COMPONENT		2900677-011																																										
146	AC	CART, TRANS, G AND N		1900065-041																																										
145	AC	CONTAINER, SHIPPING, IMU		1900010-021	NAS9-497	B	II	NOTE IIC																																						
144	AC	FIX, MOUNTING, G AND N		1902204-021		B	II	NOTE IIC		4.125	1.812	3.250	NA	.125	.062	.12	.156	.093		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
143	AC	ESS., COOL, AND PWR, G AND N		1902134-021						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
141	AC	CONT, TEMP, PORTABLE		2900050-011						2.125	.968	.718		.093	.031	.06	.093			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011																																										
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021																																										
137	AC	FIX, MOUNTING, IMU/NAV BASE		6900063-011																																										
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011																																										
135	AC	FIX, MOUNTING, SUB SYSTEM		2900070-011																																										
134	AC	FIX., HAND., G AND N HARNESS		2900069-011																																										
133	AC	CONTR, SHEPHS, NAV BASE		2900068-011																																										
132	AC	FIX., MOUNTING, G AND N		2900067-011																																										
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																										
130	AC	TESTER, GYRO WHEEL		2900061-011																																										
127	AC	COOLANT SUPPLY		1902133-021																																										
126	AC	TABLE, ROTARY		1500826-021						4.125	1.812	3.250		.125	.062	.12	.156			.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
121	AC	FIX, HAND., OPTICS		2900074-011						2.125	.968	1.718		.093	.031	.06	.093			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
124	AC	FIXTURE, MTG, PTA/PEA		2900066-021																																										
125	AC	CONT, TEMP, IMU LIFTING		2900063-011																																										
124	AC	FIXTURE, HANDLING, IMU		2900064-011																																										
123	AC	CONT, OPTICS, REMOTE		1902046-021																																										
122	AC	TEST CONTROL		1902009-021																																										
121	AC	ADPT MODULE, P.S.A.		1902431-021																																										
120	AC	BRIDGE, DECADE ERROR		2900028-011																																										
119	AC	PWR SUP, ELECTRONICS		1900012-011																																										
118	AC	PWR SUP, RELAY AND LAMP		1900049-031																																										
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021																																										
116	AC	ADPT MODULE, P.S.A.		1902431-011																																										
115	AC	ADPT, TEST POINT, PTA/PEA		2900145-011																																										
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																										
113	AC	CONTROL, GIMBAL POSITION		2900036-011																																										
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																										
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																										
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																										
109	AC	PANEL, MONITOR		2900031-011																																										
108	AC	PANEL, AUXILIARY INPUT		2900030-011																																										
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																										
106	AC	TEST SELECTOR		2900028-011																																										
105	AC	TEST CONTROL		2900027-011																																										
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																										
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																										
102	AC	VOLTMETER, DIGITAL		2900007-011		B	II	NOTE IIC		2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
101	AC	NAVIGATION BASE ASSEMBLY - LEM		6899950		NAS-9-497	A	I	NOTE IIB	2.000	1.312	1.906	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.076	NA	.078	.531	.187	NA
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE IIB	2.000	1.312	1.906	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

FOR DIMENSIONS, SEE DASH 100 VALUES BELOW.
FOR DIMENSIONS, SEE DASH 141 VALUES BELOW
FOR DIMENSIONS, SEE DASH 144 VALUES BELOW
FOR DIMENSIONS, SEE DASH 141 VALUES BELOW
FOR DIMENSIONS, SEE DASH 100 VALUES BELOW
FOR DIMENSIONS, SEE DASH 144 VALUES BELOW
FOR DIMENSIONS, SEE DASH 102 VALUES BELOW
FOR DIMENSIONS, SEE DASH 141 VALUES BELOW
FOR DIMENSIONS, SEE DASH 121 VALUES BELOW
FOR DIMENSIONS, SEE DASH 144 VALUES BELOW
FOR DIMENSIONS, SEE DASH 141 VALUES BELOW
FOR DIMENSIONS, SEE DASH 144 VALUES BELOW
FOR DIMENSIONS, SEE DASH 141 VALUES BELOW
FOR DIMENSIONS, SEE DASH 144 VALUES BELOW
FOR DIMENSIONS, SEE DASH 141 VALUES BELOW
FOR DIMENSIONS, SEE DASH 144 VALUES BELOW
FOR DIMENSIONS SEE DASH 100 VALUES BELOW
FOR DIMENSIONS SEE DASH 100 VALUES BELOW
FOR DIMENSIONS, SEE DASH 141 VALUES BELOW
FOR DIMENSIONS, SEE DASH 144 VALUES BELOW
FOR DIMENSIONS, SEE DASH 141 VALUES BELOW
FOR DIMENSIONS, SEE DASH 144 VALUES BELOW

NOTE: AC DASH NO's. CONT. ON SH. 6

SYM	ZONE	DESCRIPTION	BY	CHK	APP'D
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			
H		REVISED PER TDRR 20892			
J		REVISED PER TDRR 20904			
K		REVISED PER TDRR 21373			
L		REVISED PER TDRR 21443			
M		REVISED PER TDRR 21993			
N		REVISED PER TDRR 22627			
P		REVISED PER TDRR 22671			
R		REVISED PER TDRR 22672			
S		REVISED PER TDRR 22750			
T		REVISED PER TDRR 22823			
U		REVISED PER TDRR 23072			
V		REVISED PER TDRR 23727			
W		REVISED PER TDRR 24024			
Y		REVISED PER TDRR 24050	RAJ		
Z		REVISED PER TDRR 24060	RAJ		
AA		REVISED PER TDRR 24060	RAJ		
AB		REVISED PER TDRR 24868	RAJ		
AC		REVISED PER TDRR 24933	RAJ		
AD		REVISED PER TDRR 25043	RAJ		
AE		REVISED PER TDRR 25628	RAJ		
AF		REVISED PER TDRR 25671	RAJ		
AG		REVISED PER TDRR 26110	RAJ		
AH		REVISED PER TDRR 26372	"		
AJ		REVISED PER TDRR 26425	"		
AK		REVISED PER TDRR 26743	"		
AL		REVISED PER TDRR 26798	"		
AM		REVISED PER TDRR 27168	"		
AN		REVISED PER TDRR 27235	"		
AP		REVISED PER TDRR 27345	"		
AR		REVISED PER TDRR 27417	"		
AS		REVISED PER TDRR 27442	"		
AT		REVISED PER TDRR 27719	"		
AU		REVISED PER TDRR 27885	"		
AV		REVISED PER TDRR 27896	"		
AW		28140	"		
AY		28173	"		
AZ		28131	"		
BA		28124	"		
BB		REVISED PER TDRR 28511	"		
BC		" " " 28949	"		
BD		" " " 29222	"		
BE		" " " 29338	"		
BF		" " " 29322	"		
BG		" " " 29409	"		
BH		" " " 29449	"		
BJ		" " " 29335	"		
BK		" " " 29619	"		
BL		" " " 28696	"		
BM		REVISION STATUS CHANGED	JE		
BN		REVISION STATUS CHANGED	JE		
BP		REVISION STATUS CHANGED	JE		
BR		REVISED PER TDRR 28141	JE		
BS		REVISION STATUS CHANGED	GW		
BT		REVISION STATUS CHANGED	JE		
BU		REVISION STATUS CHANGED	JE		
BV		REVISION STATUS CHANGED	JE		
BW		REVISION STATUS CHANGED	JE		
BY		REVISION STATUS CHANGED	JE		
BZ		REVISION STATUS CHANGED	JE		
CA		REVISION STATUS CHANGED	JE		
CB		REVISION STATUS CHANGED	JE		
CC		REVISION STATUS CHANGED	JE		
CD		REVISION STATUS CHANGED	DR		
CE		REVISION STATUS CHANGED	JE		

THIS SHEET ADDED
@ REPLACES REV F WITH CHANGE

AC ELECTRONICS DASH NUMBERS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± .005 ±
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 11
AS APPLICABLE
NEXT ASSY USED ON
APPLICATION

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION
			LIST OF MATERIALS

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN R.O. Jones 7.1.66
CHECKED [illegible] 7.22.66
APPROVED
APPROVED [illegible] 7.26.66
APPROVED MIT [illegible]
APPROVED MSC [illegible]

NAMEPLATES
APOLLO G&N-GSE
(STANDARDS)

CODE IDENT NO. 80230 SIZE E 1004260
DATE SCALE NONE
4 OF 6

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
199	AC	EYEPIECE STOWAGE UNIT		2021255-081																																											
198	AC	SIGN CONDITIONER ASSY C/M		2007234		NAS 9-497				A	I						NOTE 11B																															
197	AC	SIGN CONDITIONER ASSY C/M		2007235														FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																															
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010																																											
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009						A	I						NOTE 11B																															
194	AC	PANEL, MONITOR		2900031-031						B	II						NOTE 11C			FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																															
193	AC	DISTRIBUTION BOX, G S E		2900024-031																FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																															
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031																																											
191	AC	TEST CONTROL		2900027-031																																											
190	AC	PANEL, PWR SUP AND LOAD		2900033-021																																											
189	AC	ADPT MODULE, P.S.A.		6900088-011																FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																															
188	AC	ADPT MODULE, P.S.A.		2901163-011																																											
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021		NAS 9-497				B	II						NOTE 11C																															
186	AC	ANTENNA, TOP PANEL AND EQUIPMENT STORAGE ASSEMBLY		1021255-021						A	I									FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																															
185	AC	ANTENNA, TOP PANEL AND EQUIPMENT STORAGE ASSEMBLY		1021255-011						A	I																																					
184	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS 9-497				B	II						NOTE 11C			FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																															
183	AC	INSTALLING TOOL, ELEC. CONN		1902586-011						B	II						NOTE 11C			FOR DIMENSIONS, SEE DASH 102 VALUES BELOW																															
182	AC	ADPT MODULE, P.S.A.		6900088-011						B	II						NOTE 11C			FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																															
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011						A	I						NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.186	.156	NA	NA	1.750	1.125	.906	.688	1.500	NA	.281	.125	.NA	1.094	2.062	.312	NA	2.500	.062	.125	1.312	.469	NA	NA	NA	.156	NA	.125	.469	.344	NA
180	AC	ADPT MODULE, P.S.A.		1902431-031						B	II									FOR DIMENSIONS, SEE DASH 121 VALUES BELOW																															
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011																																											
178	AC	MOUNTING PLATE, COMPONENT		6900007-021																FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																															
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021																																											
176	AC	FIX., MOUNTING, G AND N		2900067-021																																											
175	AC	CSL, COOL AND PWR, G AND N		1902134-031																																											
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011													NOTE 11C																															
173	AC	FIX., HANDLING, C/M PSA		2900998-011																FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																															
172	AC	CAGING ELECTRONICS, GYRO		2900029-021																																											
171	AC	DISTRIBUTION BOX, GSE		2900024-021																																											
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021																FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																															
169	AC	ADPT, TESTPOINT, P.S.A.		2900037-021																																											
168	AC	TEST SELECTOR		2900028-021																																											
167	AC	TEST CONTROL		2900027-021																																											
166	AC	PANEL, MONITOR		2900031-021																																											
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011																																										
164	AC	INPUT/OUTPUT PANEL		2900926-011																FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																															
163	AC	CONTROL PANEL		2900896-011																																											
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011																FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																															
161	AC	FIX., LIFT AND HAND., IMU		10-5462-011																FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																															
160	AC	FIX., HAND., G AND N HARNESS		1901846-031																																											
159	AC	BATTERY POWER PACK		1900011-031						B	II						NOTE 11C			FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																															
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222						A	I						NOTE 11B			FOR DIMENSIONS SEE DASH 100 VALUES BELOW																															
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222																																											
156	AC	POWER & SERVO ASSEMBLY C/M		2007200																2.125	.968	1.718	NA	.093	.031	.06	.098	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201																																										
154	AC	PULSE TORQUE ASSEMBLY - LEM		6007000																FOR DIMENSIONS SEE DASH 100 VALUES BELOW																															
153	AC	POWER & SERVO ASSEMBLY - LEM		6007200						A	I						NOTE 11B																															
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011						B	II						NOTE 11C			FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																															
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011																FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																															
150	AC	JUNCTION BOX, P.S.A./GSE		1901933-021																FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																															
149	AC	BATTERY PACK, LIFTING		2900612-011																																											
148	AC	MOUNTING PLATE, COMPONENT		6900007-011																FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																															
147	AC	MOUNTING PLATE, COMPONENT		2900677-011																																											
146	AC	CART, TRANS, G AND N		1900005-041																																											
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS9-497				B	II						NOTE 11C																															
144	AC	FIX., MOUNTING, G AND N		1902204-021						B	II						NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.156 -.094	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
143	AC	CSL, COOL AND PWR, G AND N		1902134-021																4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011																4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
141	AC	CONT. TEMP, PORTABLE		2900060-011																2.125	.968	1.718		.093	.031	.06	.098		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011																4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011																																											
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021																																											
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011																																										
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011																																										
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																										
134	AC	FIX., HAND., G AND N HARNESS		2900069-011																																										
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011																																										
132	AC	FIX., MOUNTING, G AND N		2900067-011																																										
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																										
130	AC	TESTER, GYRO WHEEL		2900061-011																																										
129	AC	COOLANT SUPPLY		1902133-021																																											
128	AC	TABLE, ROTARY		1900926-021																4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
127	AC	FIX., HAND., OPTICS		2900074-011																2.125	.968	1.718		.093	.031	.06	.098		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
126	AC	FIXTURE, MTG, PTA/PEA.		2900066-011																																										
125	AC	CONT, TEMP, IMU LIFTING		2900063-011																																										
124	AC	FIXTURE, HANDLING, IMU		2900064-011																																										
123	AC	CONT, OPTICS, REMOTE		1902046-021																																										
122	AC	TEST CONTROL		1902009-021																																										
121	AC	ADPT MODULE, P.S.A.		1902431-021																																										
120	AC	BRIDGE, DECADE ERROR		2900128-011																																										
119	AC	PWR SUP, ELECTRONICS		2900012-011																																										
118	AC	PWR SUP, RELAY AND LAMP		1900049-031																																										
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021																																										
116	AC	ADPT MODULE, P.S.A.		1902431-011																																										
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011																																										
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011																																										
113	AC	CONTROL, SIMBAL POSITION		2900036-011																																										
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																										
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																										
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																										
109	AC	PANEL, MONITOR		2900031-041																																										
108	AC	PANEL, AUXILIARY INPUT		2900030-011																																										
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																										
106	AC	TEST SELECTOR		2900026-011																																											
105	AC	TEST CONTROL		2900027-011																																											
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																										
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																										
102	AC	VOLTMETER, DIGITAL		2900007-011						B	II						NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.098	.156 -.094	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
101	AC	NAVIGATION BASE ASSEMBLY - LEM		6899950		NAS-9-497				A	I						NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497				A	I						NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

NOTE: AC DASH NO's. CONT. ON SH.6

THIS SHEET ADDED
G REPLACES REV F. WITH CHANGE

AC ELECTRONICS DASH NUMBERS

SYM	DONE	REVISIONS DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.			8/4/66	
H		REVISED PER TDRR 20892			6/6/66	
J		REVISED PER TDRR 20904			6/9/66	
K		REVISED PER TDRR 21379			8/16/66	
L		REVISED PER TDRR 21410			8/17/66	
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823			10/5/66	
U		REVISED PER TDRR 23072			11/7/66	
V		REVISED PER TDRR 23521			10/28/66	
W		REVISED PER TDRR 23824	RAJ		11-9-66	
Y		REVISED PER TDRR 24018	RAJ		11-16-66	
Z		REVISED PER TDRR 24040	RAJ		11-9-66	
AA		REVISED PER TDRR 24060	RAJ		11-9-66	
AB		REVISED PER TDRR 24868	RAJ		12-2-66	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-18-66	
AE		REVISED PER TDRR 25672	RAJ		2-6-66	
AF		REVISED PER TDRR 25671	RAJ		2-6-66	
AG		REVISED PER TDRR 26110	RAJ		2-15-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-8-66	
AN		REVISED PER TDRR 27235	"		4-8-66	
AP		REVISED PER TDRR 27345	"		4-8-66	
AR		REVISED PER TDRR 27417	"		4-8-66	
AS		REVISED PER TDRR 27442	"		4-8-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27880	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-21-66	
AW		28110	"		5-16-66	
AY		28173	"			
AZ		28131	"			
BA		28124	"			
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28943	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"			
BF		" " " 29322	"		6-24-66	
BG		" " " 25429	"			
BH		" " " 25449	"			
BJ		" " " 29335	"			
BK		" " " 296-9	"			
BL		" " " 29696	"		7-29-66	
BM		REVISION STATUS CHANGED	JSD		7-20-66	
BN		REVISION STATUS CHANGED	JJ		8-22-66	
BP		REVISION STATUS CHANGED	JJ		9-16-66	
BR		REVISED PER TDRR 30141	JJ		10-28-66	
BS		REVISION STATUS CHANGED	GW		10-25-66	
BT		REVISION STATUS CHANGED	GW		10-25-66	
BU		REVISION STATUS CHANGED	EM		10-26-66	
BV		REVISION STATUS CHANGED	WB		10-27-66	
BW		REVISION STATUS CHANGED	WB		10-27-66	
BY		REVISION STATUS CHANGED	WB		10 OCT 66	
BZ		REVISION STATUS CHANGED	WB		10 OCT 66	
CA		REVISION STATUS CHANGED	WB		10 OCT 66	
CB		REVISION STATUS CHANGED	REF		10 OCT 66	
CC		REVISION STATUS CHANGED	AF		11 NOV 66	
CD		REVISION STATUS CHANGED	DR		14 NOV 66	
CE		REVISION STATUS CHANGED	CNTR		15 NOV 66	
CF		REVISION STATUS CHANGED	CNTR		15 NOV 66	

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± —— DECIMALS ± .005 ANGLES ± ——
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS
MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN R.C. Savage 7 1966
CHECKED D.J. Lang 7-22-66
APPROVED
APPROVED W.D. Waddell 7-22-66
APPROVED MIT W.D. Waddell 7-22-66
APPROVED MSC
DATE 7/26/66

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 4 OF [illegible]

| | | |

| | | |

NO.	P/C	PART NAME	REMARKS	PART NO.	SER NO.	CONT. NO.	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
194	AC	EYEPIECE STOWAGE UNIT		2021255-011																																										
188	AC	SIGNAL CONDITIONER - 5V C/M		2007284	NAS9-497			NOTE 11B	FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																								
187	AC	SIGNAL CONDITIONER 2.5V C/M		2007235				NOTE 11B																																								
186	AC	SIGNAL CONDITIONER ASSY LEM		6007010				NOTE 11B																																								
951	AC	DSA & SIGNAL CONDITIONER ASSY		6007009				NOTE 11B																																								
184	AC	PANEL, MONITOR		2900031-031		B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																								
93	AC	DISTRIBUTION BOX, GSE		2900024-031					FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																								
192	AC	ANALYZER, OPTICS-INERTIAL		2902023-021																																										
194	AC	TEST CONTROL		2900027-021																																											
197	AC	PANEL, PWR SUP AND LOAD		2900033-041					FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																								
199	AC	ADPT MODULE, P.S.A.		2900086-011																																										
188	AC	ADPT MODULE, P.S.A.		2901148-011																																										
87	AC	FIXTURE, MTG, PTA/PEA		2021255-041	NAS9-497	B	II	NOTE 11C																																							
196	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-021					FOR DIMENSIONS, SEE DASH 100 VALUES BELOW																																								
196	LP	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-011		A																																								
183	AC	FIX, HAND, G AND N HARNESS		1901846-041	NAS9-197	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																								
183	AC	INSTALLING TOOL, ELEC. CONN.		1902586-011		B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 102 VALUES BELOW																																								
182	AC	ADPT MODULE, P.S.A.		6900086-011		B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																								
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011		A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.186	.156	NA	NA	.750	.125	.906	.688	1.500	NA	.281	.125	NA	1.094	2.062	.312	NA	2.500	.062	.125	1.312	.469	NA	NA	NA	.156	NA	.125	.469	.344	NA
180	AC	ADPT MODULE, P.S.A.		1902431-031		B	II		FOR DIMENSIONS, SEE DASH 121 VALUES BELOW																																								
179	AC	MOUNTING PLATE, INUPTA		6900083-011					FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																								
178	AC	MOUNTING PLATE, COMPONENT		6900077-021																																										
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021																																										
176	AC	FIX, MOUNTING, G AND N		2900067-021																																										
193	AC	CST, COOL AND PWR, G AND N		1902134-031				NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																								
194	AC	FIX, HAND., C/M AND LEM CDU		2900099-511																																										
195	AC	FIX, HARNESS, C/M PSA		2900096-011					FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																								
172	AC	GAGING ELECTRONICS, GYRO		2900029-021					FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																								
97	AC	DISTRIBUTION BOX, GSE		2900024-021																																										
96	AC	ANALYZER, OPTICS-INERTIAL		2900023-021																																										
169	AC	ADPT, TEST POINT, P.S.A.		2900037-021																																										
96	AC	TEST SELECTOR		2900028-021																																										
167	AC	TEST CONTROL		2900027-021																																											
166	AC	PANEL, MONITOR		2900031-021																																										
165	AC	TERM. BOARD STORAGE DRAWER		2900027-011																																										
164	AC	INPUT-OUTPUT PANEL		2900095-011					FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																								
163	AC	CONTROL PANEL		2900096-011																																											
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900855-011					FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																								
161	AC	FIX, LIFT AND HAND., IMU		1C 1472-011					FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																								
160	AC	FIX, HAND, G AND N HARNESS		1901846-031					FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																								
159	AC	BATTERY POWER PACK		1900011-031		B	II	NOTE 11C																																								
158	AC	[illegible] ASSEMBLY C/M		2007322		A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW																																								
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007122					2.000	1.812	3.250	NA	.125	.062	.12	.156	.093	.093	.125	.625	.140	.890	.640	.390	.125	.171	.125	.875	.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	5.687	.093	.40	.25	5.875
156	AC	[illegible] & SERVO ASSEMBLY C/M		2007200					4.25	1.812	3.750		.125	.062	.12	.156			.125	.625	.140	.890	.640	.390	.125	.171	.125	.875	.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		5.687	.093	.40	.25	5.875
155	AC	[illegible] ELECTRONICS ASSEMBLY		2007211					4.25	1.812	3.750		.125	.062	.12	.156			.125	.625	.140	.890	.640	.390	.125	.171	.125	.875	.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		5.687	.093	.40	.25	5.875
154	AC	PULSE TORQUE ASSEMBLY - LEM		6007000					2.125	.968	.718		.093	.031	.06	.093			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
153	AC	POWER & SERVO ASSEMBLY - LEM		6007100		A	I	NOTE 11B	4.25	1.812	3.250		.125	.062	.12	.156			.125	.625	.140	.890	.640	.390	.125	.171	.125	.875	.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		5.687	.093	.40	.25	5.875
152	AC	CONT PWR, RSVR CKT TESTER		2900770-011		B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 141 VALUES BELOW																																								
151	AC	IEU, LR, RESOLVER CIRCUIT		2900708-011					FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																								
150	AC	JUNCTION BOX, RSA/GSE		1901933-021					FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																								
149	AC	BATTERY PACK, LIFTING		2900648-011					FOR DIMENSIONS, SEE DASH 144 VALUES BELOW																																								
148	AC	MOUNTING PLATE, COMPONENT		6C 0007-011																																										
147	AC	MOUNTING PLATE, COMPONENT		2900677-011																																										
146	AC	CART, HAND, G AND N		1900069-041																																										
145	AC	CONTAINER, SHIPPING, IMU		1900040-021	NAS9-497	B	II	NOTE 11C																																							
144	AC	FIX, MOUNTING, G AND N		1902204-021		B	II	NOTE 11C	4.25	1.812	3.250	NA	.125	.062	.12	.156	.093	.093	.125	.625	.140	.890	.640	.390	.125	.171	.125	.875	.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	5.687	.093	.40	.25	5.875
143	AC	CST, COOL AND PWR, G AND N		1902134-021					4.25	1.812	3.750		.125	.062	.12	.156			.125	.625	.140	.890	.640	.390	.125	.171	.125	.875	.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		5.687	.093	.40	.25	5.875
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011					4.25	1.812	3.750		.125	.062	.12	.156			.125	.625	.140	.890	.640	.390	.125	.171	.125	.875	.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		5.687	.093	.40	.25	5.875
141	AC	CONT PWR, RSVR CKT		2900770-011					2.125	.968	.718		.093	.031	.06	.093			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
140	AC	TEST PWR, RSVR CKT TESTER		2900770-021					4.25	1.812	3.250		.125	.062	.12	.156			.125	.625	.140	.890	.640	.390	.125	.171	.125	.875	.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		5.687	.093	.40	.25	5.875
139	AC	SIMULATOR, LD/SIG, CDU		2900255-011																																										
138	AC	SIMULATOR, LD/SIG, OPTICS		1902223-021																																										
137	AC	FIX, MOUNTING, MAN NAV BASE		6900003-011																																									
136	AC	FIX, [illegible] OPTICS NAV BASE		2900770-011																																									
135	AC	FIX, MOUNTING, SUB SYSTEM		2900070-011																																									
134	AC	FIX, HAND., G AND N HARNESS		2900069-711																																									
133	AC	CNTR, SHIPPING, NAV BASE		2900088-011																																									
132	AC	FIX, MOUNTING, G AND N		2900067-041																																									
131	AC	SPEC ADPTR, LD/SIG, IMU/CDU		2900062-041																																									
130	AC	TESTER, GYRO WHEEL		2900061-011																																									
129	AC	COOLANT SUPPLY		1902133-021																																									
128	AC	TABLE, ROTARY		1900926-021					4.125	1.812	3.250		.125	.062	.12	.156			.125	.625	.140	.890	.640	.390	.125	.171	.125	.875	.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		5.687	.093	.40	.25	5.875
127	AC	FIX, HAND., OPTICS		2900074-011					2.125	.968	1.718		.093	.031	.06	.093			.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
126	AC	FIXTURE, MTG, PTA/PEA		2900066-011																																									
125	AC	CONT, TERM., IMU LIFTING		2900065-011																																									
124	AC	FIXTURE, INSTALLING, IMU		2900064-011																																									
123	AC	CONT, OPTICS, REMOTE		1902046-021																																									
122	AC	TEST CONTROL		1902009-021																																										
821	AC	ADPT MODULE, P.S.A.		1902431-021																																									
120	AC	BRIDGE, DECADE ERROR		2900028-011																																									
119	AC	PWR SUP, ELECTRONICS		6900079-011																																									
118	AC	PWR SUP, RELAY AND LAMP		6900038-311																																									
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021																																									
116	AC	ADPT MODULE, P.S.A.		6900247-011																																									
115	AC	ADPT, TEST POINT, PTA/PEA		2900047-011																																									
114	AC	ADPT, TEST POINT, P.S.A.		2900047-011																																									
113	AC	CONTROL, GIMBAL POSITION		2900094-011																																									
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																									
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																									
110	AC	PANEL, PWR SUP AND LOAD		2900033-711																																									
109	AC	PANEL, MONITOR		2900031-011																																										
108	AC	[illegible] AUXILIARY INPUT		2900030-011																																									
107	AC	GAGING ELECTRONICS, GYRO		2900029-711																																									
606	AC	TEST SELECTOR		2900028-011																																									
105	AC	TEST CONTROL		2900027-011																																										
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																									
103	AC	DISTRIBUTION BOX, GSE		2900043-011																																									
102	AC	VOLTMETER, DIGITAL		2900007-011		B	II	NOTE 11C	.75	.81	.76	NA	.093	.031	.06	.093	NA	NA	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.336	NA	NA	.209	.093	.250	1.875	NA	.840	.046	.23	.16	1.938
101	AC	NAV GATION BASE ASSEMBLY - LEM		2999985	NAS9-497	A	I	NOTE 11B	2.000	1.312	1.976	1.375	.076	.048	.078	.094	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
100	AC	NAVIGATION BASE ASSEMBLY		1899982	NAS9-497	A	I	NOTE 11B	2.000	1.312	1.976	1.375	.076	.048	.078	.094	NA	NA	1.145	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

NOTE: AC DASH NO'S. CONT. ON SH. 6

SYM	ZONE	REVISION
G		REVISED REV F WITH CHANGE PER TDRR 26954
H		REVISED PER TDRR 20848
J		REVISED PER TDRR 20904
K		REVISED PER TDRR 21273
L		REVISED PER TDRR 21440
M		REVISED PER TDRR 21993
N		REVISED PER TDRR 22627
P		REVISED PER TDRR 22621
R		REVISED PER TDRR 22672
S		REVISED PER TDRR 22750
T		REVISED PER TDRR 22823
U		REVISED PER TDRR 23072
V		REVISED PER TDRR 23572
W		REVISED PER TDRR 23674
Y		REVISED PER TDRR 24096
Z		REVISED PER TDRR 24240
AA		REVISED PER TDRR 24060
AB		REVISED PER TDRR 24868
AC		REVISED PER TDRR 24943
AD		REVISED PER TDRR 25043
AE		REVISED PER TDRR 25406
AF		REVISED PER TDRR 25671
AG		REVISED PER TDRR 26140
AH		REVISED PER TDRR 26372
AJ		REVISED PER TDRR 26425
AK		REVISED PER TDRR 26745
AL		REVISED PER TDRR 26798
AM		REVISED PER TDRR 26965
AN		REVISED PER TDRR 27208
AP		REVISED PER TDRR 27345
AR		REVISED PER TDRR 27417
AS		REVISED PER TDRR 27442
AT		REVISED PER TDRR 27707
AU		REVISED PER TDRR 27680
AW		REVISED PER TDRR 27898
AX		" " " 28140
AY		" " " 28173
AZ		" " " 28131
BA		" " " 28124
BB		REVISED PER TDRR 28511
BC		" " " 28949
BD		" " " 29222
BE		" " " 29328
BF		" " " 29302
BG		" " " 29429
BH		" " " 29469
BJ		" " " 29335
BK		" " " 29619
BL		" " " 29698
BM		REVISION STATUS CHANGED
BN		REVISION STATUS CHANGED
BP		REVISION STATUS CHANGED
BR		REVISED PER TDRR 30141
BS		REVISION STATUS CHANGED
BT		REVISION STATUS CHANGED
BU		REVISION STATUS CHANGED
BV		REVISION STATUS CHANGED
BW		REVISION STATUS CHANGED
BY		REVISION STATUS CHANGED
BZ		REVISION STATUS CHANGED
CA		REVISION STATUS CHANGED
CB		REVISION STATUS CHANGED
CC		REVISION STATUS CHANGED
CD		REVISION STATUS CHANGED
CE		REVISION STATUS CHANGED
CF		REVISION STATUS CHANGED
CG		REVISION STATUS CHANGED
CH		REVISION STATUS CHANGED
CJ		REVISION STATUS CHANGED

THIS SHEET ADDED
© REPLACES REV F WITH CHANGE

AC ELECTRONICS DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS - DECIMALS - ANGLES
2 PLACE ±.005 ± 0°
DO NOT SCALE THIS DRAWING

MATERIAL SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB CAMBRIDGE MASS

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN R.O. Jones 7-66
CHECKED R.J. Kenyon 7-66
APPROVED
APPROVED MIT W.A. Laughon 7-66
APPROVED MSC

NAMEPLATES, APOLLO G&N-SYS (STANDARD)

CODE IDENT NO 80230 | SIZE E | DRAWING NO 1004660 | SHEET

DATE
SCALE NONE

		PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
199	AC	EYEPIECE STORAGE ASSY		2021255-011																																										
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234	NAS9-497		A	I		NOTE 3																																				
197	AC	SIGNAL CONDITIONER ASSY C/M		2007235																																									
196	AC	SIGNAL CONDITIONER ASSY LEM		2007236																																									
195	AC	PSA (SIGNAL CONDITIONER ASSY		6007009						NOTE 11B																																				
194	AC	PSA, VCO		2002031-021			B	II		NOTE 11C																																				
193	AC	PSA, SIGNAL CONDITIONER, GSE		2900004-021																																									
192	AC	BUFFER, OPTICS INERTIAL		2900035-021																																									
191	AC	TEST CONNECTOR		2900066-021																																										
190	AC	PSA, PWR SUP AND LOAD		2900033-011																																									
189	AC	PSA, MODULE, P.S.A.		2900068-011																																									
188	AC	ADPT MODULE, P.S.A.		2900067-011																																									
187	AC	FIXTURE, VT, TA/PTA		2900063-011	NAS9-497		A	I		NOTE 11C																																				
186	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		6021255-021																																										
185	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		6021255-011																																										
184	AC	FIX., HAND., G AND N HARNESS		1901846-041	NAS9-497		B	II		NOTE 11C																																				
183	AC	INSTALLING TOOL, ELEC. CONN		1902326-011			B	II		NOTE 11C																																				
182	AC	ADPT MODULE, P.S.A.		1902258-011			B	II		NOTE 11C																																				
181	AC	G&N INDICATOR CONTROL PANEL ASSY		2014578-011			A	I		NOTE 11B	3.000	1.938	12.437	NA	.125	.062	.196	.156	NA	NA	1.750	.125	.906	.688	.500	NA	.281	.125	NA	1.094	2.062	.312	NA	2.500	.062	.125	.312	.469	NA	NA	NA	.156	NA	.125	.469	.344	NA
180	AC	ADPT MODULE, P.S.A.		1902431-031			B	II																																				
179	AC	MOUNTING PLATE, IMU/PTA		6006183-011																																									
178	AC	MOUNTING PLATE, COMPONENT		2900067-021																																									
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021																																									
176	AC	FIX., MOUNTING, G AND N		2900067-021																																									
175	AC	FIX., COOL AND PWR, G AND N		902134-031																																									
174	AC	FIX., HAND., G/N AND LEM CDU		2900999-021						NOTE 11C																																				
173	AC	FIX., HANDLING, G/M PSA		2900998-011																																									
172	AC	CAGING ELECTRONICS, GYRO		2900029-021																																									
171	AC	DISTRIBUTION BOX, GSE		2900024-021																																									
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021																																									
169	AC	ADPT, TEST, P.S.A.		2900037-021																																									
168	AC	TEST SELECTOR		2900028-021																																									
167	AC	TEST CONTROL		2900027-021																																										
166	AC	PANEL, MONITOR		2900031-021																																									
165	AC	TERM. BOARD, STORAGE DRAWER		2900927-011																																									
164	AC	INPUT/OUTPUT PANEL		2900926-011																																									
163	AC	CONTROL PANEL		2900896-011																																									
162	AC	CSL, CAL AND TEST, SCM/PSA AM		2900895-011																																									
6	AC	FIX., LIFT AND HAND., IMU		6007201																																									
160	AC	FIX., HAND., G AND N HARNESS		1901846-031																																									
159	AC	BATTERY POWER PACK		1902011-031			B	II		NOTE 11C																																				
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222			A	I		NOTE 11B																																				
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222																																									
156	AC	POWER & SERVO ASSEMBLY C/M		2007200							.125	.062	.12	.156	.093	.125	1.625	1.140	890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
155	AC	PIPA ELECTRONICS ASSEMBLY		6007201							.06	.098	NA	NA	.858	.608	.484	.858	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA					
154	AC	PULSE TORQUE ASSEMBLY - LEM		6007700																																								
153	AC	POWER & SERVO ASSEMBLY - LEM		6007200			A	I		NOTE 11B																																				
152	AC	CONT PNL RSVR CKT TESTER		2900770-011			B	II		NOTE 11C																																				
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011																																									
150	AC	JUNCTION BOX, PSA/GSE		1901933-021																																									
149	AC	BATTERY PACK, LIFTING		2900614-011																																										
86	AC	MOUNTING PLATE, COMPONENT		6900007-011																																									
147	AC	MOUNTING PLATE, COMPONENT		2900677-011																																									
146	AC	CART, TRANS, G AND N		1900069-041																																										
145	AC	CONTAINER, SHIPPING, IMU		1900010-021	NAS9-497		B	II		NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.093 .109	.125	1.625	1.140	890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
144	AC	FIX., MOUNTING, G AND N		1902204-021			B	II		NOTE 11C	4.25	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
143	AC	COOL, COOL AND PWR, G AND N		1902134-021							4.25	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011							4.25	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
141	AC	CONT, TEMP, PORTABLE		2900030-011							2.125	.968	.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
44	AC	TESTER, CKT, IMU/CDU ASVR		2900286-011							4.125	.8	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	.390	.125	.171	.125	.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011																																									
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021																																								
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011																																								
136	AC	FIXTURE, [illegible] BASE		2900072-011																																								
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011																																								
134	AC	FIX., HAND., G AND N HARNESS		2900069-011																																								
133	AC	CNTR., SHIPPING, NAV BASE		2900068-011																																								
132	AC	FIX., MOUNTING, G AND N		2900067-011																																								
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011																																								
130	AC	TESTER, GYRO WHEEL		2900061-011																																									
129	AC	COOLANT SUPPLY		1902133-021																																									
128	AC	TABLE, ROTARY		1920926-021							4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093												
127	AC	FIX., HAND., OPTICS		2900074-011							2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
126	AC	FIX., [illegible] PSA		2900066-011																																								
125	AC	CONT, TEMP, IMU LIFTING		2900064-011																																								
124	AC	FIX., [illegible] IMU		2900064-111																																									
123	AC	CONT, OPTICS, REMOTE		1902046-021																																									
122	AC	TEST CONTROL		1902009-021																																								
121	AC	ADPT MODULE, P.S.A.		1902431-021																																								
120	AC	BRIDGE, DECADE ERROR		2900128-011																																								
9	AC	PWR SUP, ELECTRONICS		2900019-011																																								
118	AC	PWR SUP, RELAY AND LAMP		2900049-021																																								
117	AC	CONSOLE, OSCILLOGRAPH		1902000-021																																								
116	AC	ADPT MODULE, P.S.A.		1902431-011																																								
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011																																								
114	AC	ADPT, TEST POINT, P.S.A.		2900057-011																																								
113	AC	CONTROL, GIMBAL POSITION		2900036-011																																								
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011																																								
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011																																								
110	AC	PANEL, PWR SUP AND LOAD		2900033-011																																								
109	AC	PANEL, MONITOR		2900031-011																																									
108	AC	PANEL, AUXILIARY INPUT		2900030-011																																								
107	AC	CAGING ELECTRONICS, GYRO		2900029-011																																								
106	AC	TEST SELECTOR		2900028-011																																								
105	AC	TEST CONTROL		2900027-011																																									
104	AC	MONITOR AND CONTROL, TEMP		2900026-011																																								
103	AC	DISTRIBUTION BOX, GSE		2900024-011																																								
102	AC	VOLTMETER, DIGITAL		2900007-011																																								
101	AC	NAV SATION BASE ASSEMBLY - LEM		4899953	NAS9-497		A	I		NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	.375	.218	NA	NA	.048	.031	.875	.465	.078	.531	.906	.175	NA	.078	.53	.187	NA		
100	AC	NAVIGATION BASE ASSEMBLY		2899982	NAS9-497		A	I		NOTE 11B	2.000	.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.905	.078	NA	.078	.53	.187	NA		

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

NOTE: AC DASH NO'S. CONT. ON SH. 6

SYM	ZONE	REVISIONS DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854.				
-		REVISED PER TDRR 20592				
J		REVISED PER TDRR 20904				
K		REVISED PER TDRR 21379				
L		REVISED PER TDRR 21410				
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072				
V		REVISED PER TDRR 24521				
W		REVISED PER TDRR 23824	RAJ			
Y		REVISED PER TDRR 24018	RAJ			
Z		REVISED PER TDRR 24046	RAJ			
AA		REVISED PER TDRR 24060	RAJ			
AB		REVISED PER TDRR 24568	RAJ			
AC		REVISED PER TDRR 24973	RAJ			
AD		REVISED PER TDRR 25065	RAJ			
AE		REVISED PER TDRR 25672	RAJ			
AF		REVISED PER TDRR 25671	RAJ			
AG		REVISED PER TDRR 26110	RAJ			
AH		REVISED PER TDRR 26372	"			
AJ		REVISED PER TDRR 26425	"			
AK		REVISED PER TDRR 26743	"			
AL		REVISED PER TDRR 26796	"			
AM		REVISED PER TDRR 27168	"			
AN		REVISED PER TDRR 27235	"			
AP		REVISED PER TDRR 27345	"			
AR		REVISED PER TDRR 27417	"			
AS		REVISED PER TDRR 27442	"			
AT		REVISED PER TDRR 27719	"			
AU		REVISED PER TDRR 27880	"			
AV		REVISED PER TDRR 27896	"			
AW		28110	"			
AX		28173	"			
AZ		28131	"			
BA		28124	"			
BB		REVISED PER TDRR 28511	"			
BC		" " " 28943	"			
BD		" " " 29222	"			
BE		" " " 29235	"			
BF		" " " 29302	"			
BG		" " " 29429	"			
BH		" " " 29449	"			
BJ		" " " 29335	"			
BK		" " " 29619	"			
BL		" " " 29696	"			
BM		REVISION STATUS CHANGED	JSD	NS		
BN		REVISION STATUS CHANGED	JE			
BP		REVISION STATUS CHANGED	JE			
BR		REVISED PER TDRR 30241	JE			
BS		REVISION STATUS CHANGED	GW			
BT		REVISION STATUS CHANGED	GW			
BU		REVISION STATUS CHANGED	EW			
BV		REVISION STATUS CHANGED	JJB			
BW		REVISION STATUS CHANGED	JJB			
BY		REVISION STATUS CHANGED	JJB			
BZ		REVISION STATUS CHANGED	JJB			
CA		REVISION STATUS CHANGED	JJB			
CB		REVISION STATUS CHANGED	RAF			
CC		REVISION STATUS CHANGED	AP			
CD		REVISION STATUS CHANGED	DR			
CE		REVISION STATUS CHANGED	ENR			
CF		REVISION STATUS CHANGED	DR			
CG		REVISION STATUS CHANGED	KM			
CH		REVISION STATUS CHANGED	RAF			
CJ		REVISION STATUS CHANGED	RAF			
CK		REVISION STATUS CHANGED	DR			

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

AC ELECTRONICS DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	REF DES

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS ±1/16 DECIMALS ANGLES .x ±.15 .xx ±.05 ° ±1°
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 11

NEXT ASSY	USED ON
APPLICABLE	
APPLICATION	

MIT INSTRUMENTATION LAB CAMBRIDGE MASS

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN	[illegible]	7-6-66
CHECKED	[illegible]	7-22-66
APPROVED		
APPROVED	[illegible]	8-1-66
APPROVED MIT	[illegible]	8-3-66
APPROVED MSC	[illegible]	DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260 | SCALE NONE | SHEET 4 OF 7

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499	M I T
498	

REV SIONS 02768

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854	RJ		7/16/65	WK
H		REVISED PER TDRR 20892	RJ		8/16/65	WK
J		REVISED PER TDRR 20904	RJ		8/16/65	WK
K		REVISED PER TDRR 21379	RJ		9/28/65	WK
L		REVISED PER TDRR 21410	RJ		10/8/65	WK
M		REVISED PER TDRR 21983	RJ			
N		REVISED PER TDRR 22621	RJ		10/	
P		REVISED PER TDRR 22671	RJ		11/	
R		REVISED PER TDRR 22672	RJ			
S		REVISED PER TDRR 22750	RJ		11/15/65	WK
T		REVISED PER TDRR 22823	RJ			
U		REVISED PER TDRR 23072	RJ		[illegible]	
V		REVISED PER TDRR 23521	RJ		12-30-65	
W		REVISED PER TDRR 23824	RAJ		1-15-66	
Y		REVISED PER TDRR 24018	RAJ		1-16-66	
Z		REVISED PER TDRR 24040	RAJ		1-12-66	
AA		REVISED PER TDRR 24060	RAJ		1-19-66	
AB		REVISED PER TDRR 24868	RAJ		2-22-66	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1- 8-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-11-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		[illegible]	
AM		REVISED PER TDRR 27169	"		4-7-66	
AN		REVISED PER TDRR 27235	"		4-7-66	
AP		REVISED PER TDRR 27345	"		4-7-66	
AR		REVISED PER TDRR 27417	"		4-7-66	
AS		REVISED PER TDRR 27442	"		4-7-66	

CASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
401	M I T	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11	B2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
400	M I T	LIFTING SLING - G&N INST. QUAL. FIX. & AZM. REF. FIX.		1021640		NAS-9-4066	B	II	NOTE 11	C2.000	1.312	1.687	1.375	.078	.048	.078	.093	DRG. CTRL.	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	J10	1.830	.070	.275	.180	1.844

THIS SHEET ADDED

(G) REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS ± —, DECIMALS ± .005, ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE N

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

		DATE
DRAWN	[illegible]	7-16-65
CHECKED	[illegible]	7-20-66
APPROVED		
APPROVED	[illegible]	7-14-66
APPROVED MIT	[illegible]	7-14-66
APPROVED MSC	[illegible]	7/14/66

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | SHEET 5 OF 6

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REVISIONS 02768

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/16/65	WK

499 MIT
498

401
400 MIT

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

THIS SHEET ADDED
© REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ± .005 ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL: SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN R A Jones 7-16-65
CHECKED J J Cuoppo 7-22-65
APPROVED
APPROVED W Hopkins 7/26/65

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

APPROVED MIT W Hopkins 7/26/65
APPROVED MSC [illegible] DATE
CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 5 OF 5

1004260 G B

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REVISIONS

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/26/65	WR
H		REVISED PER TDRR 20892			8/31/65	WR
J		REVISED PER TDRR 20904			9/30/65	WR

499 MIT
498

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
401																																															
-00	M I T	LIFTING SLING-G&N INST. QUAL. FIX. & AZM. REF. FIX.		1021640					NAS9-4068	B	II	NOTE 11	2.000	1.312	1.687	1.375	.078	.048	.078	.093	10-32 UNF-3B	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

THIS SHEET ADDED
(6) REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ± .005 ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE MASS

DRAWN A. A. Jones 7/16/65
CHECKED A. J. Engel 7/26/65
APPROVED
APPROVED W. Wrigley Jr. 7/26/65
APPROVED MIT W. Wrigley 7/26/65
APPROVED MSC [illegible] 7/26/65
DATE

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 5 OF 5

1004260 J

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SYM	ZONE	REVISIONS 02768 DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/16/65	WK
H		REVISED PER TDRR 20892			8-3-65	WK
J		REVISED PER TDRR 20904			8/30/65	WK
K		REVISED PER TDRR 21379			11/4/65	WK

499 MIT
498

| 40 | | |

REVISIONS 0Z748						
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/26/65	WK
H		REVISED PER TDRR 20892			8/26/65	WK
J		REVISED PER TDRR 20904			9/9/65	WK
K		REVISED PER TDRR 21379			12/6/65	WK
L		REVISED PER TDRR 21410			2-21-66	WK

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
401																																															
400	M.I.T	LIFTING SLING - G&N INSE QUAL. FIX. & AZM. REF. FIX.		1021640		NAS9-4066	B	II	NOTE 11	G2000	1.312	1.687	1.375	.078	.048	.078	.093	45°/3	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
499	M.I.T																																														
498																																															

THIS SHEET ADDED
Ⓖ REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ±— DECIMALS ±.005 ANGLES ±—
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

M.I.T INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	G.A. Jones	7-16-65
CHECKED	A.J. Engel	7-20-65
APPROVED		
APPROVED	W.H. Hopkins	7-21-65
APPROVED MIT	W.H. Hopkins	12/6/65
APPROVED MSC	[illegible]	12/6/65

NAMEPLATES,
APOLLO G&N-GSE
(STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260

DATE | SCALE NONE | SHEET 5 OF 5

1004260 11

499	MIT
498	

SYM	ZONE	REVISIONS 0Z7L8 DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/26/65	WK
H		REVISED PER TDRR 20892			8/16/65	WK
J		REVISED PER TDRR 20904			8/20/65	WK
K		REVISED PER TDRR 21379			9/24/65	WK
L		REVISED PER TDRR 21410			10/26/65	WK
M		REVISED PER TDRR 21993			12/1/65	
N		REVISED PER TDRR 22621			1/6/66	
P		REVISED PER TDRR 22671			1/11/66	
R		REVISED PER TDRR 22672			1/11/66	
S		REVISED PER TDRR 22750			1/27/66	WK
T		REVISED PER TDRR 22823			1/31/66	WK

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
401	MIT	COMPUTER ASSY		2003100-001			A	I	NOTE 11	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
400	MIT	LIFTING SLING-G&N INST. QUAL. FIX. & AZM. REF. FIX.		1021640		NAS-9-4066	B	II	NOTE 11	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	J10	1.850	.070	.275	.180	1.843

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ± — ANGLES ± —
± .005
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN [illegible] 7-16-65
CHECKED [illegible]
APPROVED [illegible]
APPROVED [illegible]

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

APPROVED MIT [illegible]
APPROVED MSC [illegible]
DATE

CODE IDENT NO. 80230
SIZE E
DRAWING NO. 1004260
SCALE NONE
SHEET 5 OF 5

REVISIONS 02748						
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/26/65	WK
H		REVISED PER TDRR 20892			8/26/65	WK
J		REVISED PER TDRR 20904			9/26/65	WK
K		REVISED PER TDRR 21379			12/26/65	WK
L		REVISED PER TDRR 21410			1/26/65	WK
M		REVISED PER TDRR 21993			10/	
N		REVISED PER TDRR 22621			11/	
P		REVISED PER TDRR 22671			11/	
R		REVISED PER TDRR 22672			11/	
S		REVISED PER TDRR 22750			10/	WK
T		REVISED PER TDRR 22823			4/	WK
U		REVISED PER TDRR 23072			10/	WK
V		REVISED PER TDRR 23521			10-26-66	WK

499 MIT
498

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
400	MIT	COMPUTER ASSY		2003100-001			A	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
400	MIT	LIFTING SLING - G&N INST. QUAL. FIX. & AZM. REF. FIX.		1021640		NAS 9-4066	B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.093	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.880	.070	.275	.180	1.844

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

THIS SHEET ADDED
© REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FSNC NO.
			LIST OF MATERIALS	

AS APPLICABLE	
NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING
MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN 7-16-65
CHECKED
APPROVED
APPROVED MIT
APPROVED MSC
DATE

NAMEPLATES,
APOLLO G&N-GSE
(STANDARDS)

CODE IDENT NO. 80230
SIZE E
DRAWING NO. 1004260
SCALE NONE
SHEET 5 OF 5

REVISIONS 02748						
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/26/65	WK
H		REVISED PER TDRR 20892			8/26/65	WK
J		REVISED PER TDRR 20908			9/24/65	WK
K		REVISED PER TDRR 21379			9/24/65	WK
L		REVISED PER TDRR 21410			10/26/65	WK
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621			10/	
P		REVISED PER TDRR 22671			11/	
R		REVISED PER TDRR 22672			11/	
S		REVISED PER TDRR 22750			11/5	WK
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072			12-17-65	WK
V		REVISED PER TDRR 23521			12-30-65	WK
W		REVISED PER TDRR 23824	RAJ		1-19-66	WK
Y		REVISED PER TDRR 24018	RAJ		2-16-66	WK
Z		REVISED PER TDRR 24040	RAJ		2-23-66	WK
AA		REVISED PER TDRR 24060	RAJ		2-28-66	WK

CASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
401	MIT	COMPUTER ASSY		2003100-001		NAS-9-497	A	I	NOTE 11	B 2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.070	NA	.078	.531	.187	NA
400	MIT	LIFTING SLING - GSN INST. QUAL. FIX. & AZM. REF. FIX.		1021640		NAS-9-4086	B	II	NOTE 11	C 2.000	1.312	1.687	1.375	.078	.048	.078	.093	.093	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.630	.070	.275	.180	1.844

THIS SHEET ADDED
© REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 19

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

		DATE
DRAWN	A. A.	7-16-65
CHECKED		
APPROVED		
APPROVED		
APPROVED MIT		
APPROVED MSC		

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 5 OF 5

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SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/14/65	WR
H		REVISED PER TDRR 20892			8/24/65	WR
J		REVISED PER TDRR 20904			9/30/65	WR
K		REVISED PER TDRR 21379			11/4/65	WR
L		REVISED PER TDRR 21410			11/24/65	WR
M		REVISED PER TDRR 21993			12/	
N		REVISED PER TDRR 22621			12/	
P		REVISED PER TDRR 22671			1/	
R		REVISED PER TDRR 22672			1/	
S		REVISED PER TDRR 22750			1/	WR
T		REVISED PER TDRR 22823			2/	WR
U		REVISED PER TDRR 23072			4-11-66	WR
V		REVISED PER TDRR 23521			6-28-66	WR
W		REVISED PER TDRR 23824	RAJ		8-9-66	WR
Y		REVISED PER TDRR 24018	RAJ		9-16-66	WR
Z		REVISED PER TDRR 24040	RAJ		9-12-66	WR
AA		REVISED PER TDRR 24060	RAJ		9-19-66	WR
AB		REVISED PER TDRR 24868	RAJ		12-22-66	WR

REVISIONS 02/48

499 MIT
498

CASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
401	MIT	COMPUTER ASSY		2003100-001		NAS-9-497	A	I	NOTE 11	82.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
400	MIT	LIFTING SLING-G&N INST. QUAL., FIX. & AZM. REF. FIX.		1021640		NAS9-4066	B	II	NOTE 11	62.000	1.312	1.687	1.375	.078	.048	.078	.093	.093	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	J10	1.830	.070	.275	.180	.844

THIS SHEET ADDED
© REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN R. A. Jones 7-16-65
CHECKED Jay Cooper 7-20-65
APPROVED
APPROVED W. Hopkins 7/21/65
APPROVED MIT W. Hopkins 7/26/65
APPROVED MSC [illegible] 7/14/65
DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 5 OF 5

1004260

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SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/26/67	WR
H		REVISED PER TDRR 20892			8/26/67	WR
J		REVISED PER TDRR 20904			9/26/67	WR
K		REVISED PER TDRR 21379			6/26/67	WR
L		REVISED PER TDRR 21410			6/26/67	WR
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072				
V		REVISED PER TDRR 23521			10-26-65	WR
W		REVISED PER TDRR 23824	RAJ		11-9-65	
Y		REVISED PER TDRR 24018	RAJ		11-16-65	
Z		REVISED PER TDRR 24040	RAJ		11-12-65	
AA		REVISED PER TDRR 24060	RAJ		11-19-65	
AB		REVISED PER TDRR 24868	RAJ		12-22-65	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	

REVISIONS 02768

499 MIT
498

401	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11	B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
400	MIT	LIFTING SLING-G&N INST. QUAL. FIX. & AZM. REF. FIX.		1021640		NAS-9-4066	B	II	NOTE 11	C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.093	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.830	.070	.275	.180	1.844
DASH NO.	P/C	PART NAME	REMARKS	PART NO.		SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AM	AJ	AK	AL	AM	AN	AP	AR

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ° —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN 7-16-66
CHECKED
APPROVED
APPROVED
APPROVED MIT
APPROVED MSC
DATE

NAMEPLATES,
APOLLO G&N-GSE
(STANDARDS)

CODE IDENT NO. 80230
SIZE E
DRAWING NO. 1004260
SCALE NONE
SHEET 5 OF 5

NOTICE - THIS DOCUMENT CONTAINS INFORMATION OF A PROPRIETARY NATURE AND SHALL NOT BE DISCLOSED OUTSIDE THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY OR USED BY ANYONE OTHER THAN FOR THE GOVERNMENT PURPOSE FOR WHICH IT IS FURNISHED, EXCEPT WITH PERMISSION OF THE CONTRACTOR. THIS LIMIT DOES NOT APPLY TO DATA CONTAINED IN ALL BIDS OR PROPOSALS SUBMITTED TO THE GOVERNMENT, EXCEPT OTHER BIDS OR PROPOSALS THAT ARE THEMSELVES RESTRICTED. THIS RESTRICTION DOES NOT LIMIT THE GOVERNMENT'S RIGHT TO USE INFORMATION CONTAINED IN SUCH DATA IF IT IS OBTAINED FROM ANOTHER SOURCE WITHOUT RESTRICTION. THE RESTRICTION SHALL BE GOVERNED BY ASPR 9-201 AND ANY SUCCESSOR REGULATION.

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/16/65	WR
H		REVISED PER TDRR 20892			8/16/65	WR
J		REVISED PER TDRR 20904			8/26/65	WR
K		REVISED PER TDRR 21379			9/24/65	WR
L		REVISED PER TDRR 21410			10/25/65	WR
M		REVISED PER TDRR 21953			10/	
N		REVISED PER TDRR 22621			11/	
P		REVISED PER TDRR 22671			11/	
R		REVISED PER TDRR 22672			11/	
S		REVISED PER TDRR 22750			12/1/65	WR
T		REVISED PER TDRR 22823			12/	
U		REVISED PER TDRR 23072			12-27-65	WR
V		REVISED PER TDRR 23521			2-16-66	WR
W		REVISED PER TDRR 23824	RAJ		11-5-65	WR
Y		REVISED PER TDRR 24018	RAJ		11-16-65	WR
Z		REVISED PER TDRR 24040	RAJ		11-19-65	WR
AA		REVISED PER TDRR 24060	RAJ		11-19-65	WR
AB		REVISED PER TDRR 24868	RAJ		12-22-65	WR
AC		REVISED PER TDRR 24973	RAJ		1-4-66	WR
AD		REVISED PER TDRR 25065	RAJ		1-18-66	WR

REVISIONS 02768

499 MIT
498

CASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
499	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11	B2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
500	MIT	LIFTING SLING-G&N INST. QUAL. FIX. & AZM. REF. FIX.		1021640		NAS-9-4066	B	II	NOTE 11	G2.000	1.312	1.687	1.375	.078	.048	.078	.093	.093 DIA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.830	.070	.275	.180	1.844

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS				

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	R. A. Jones	7-16-65
CHECKED		
APPROVED		
APPROVED		
APPROVED MIT		
APPROVED MSC		
DATE		

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260 | SHEET 5 OF 5

SCALE NONE

1004260 AD

NOTICE - THIS DOCUMENT DESCRIBES TECHNICAL OR STORES DATA WHICH FALLS WITHIN DEPARTMENT OF DEFENSE DIRECTIVE 5230.24 AND ITS DISCLOSURE TO UNAUTHORIZED PERSONS IS PROHIBITED BY LAW. IT IS EXPORTED UNDER THE AUTHORITY OF THE EXPORT CONTROL LAWS OF THE UNITED STATES OF AMERICA (TITLE 50, U.S.C., APP. 2401 ET SEQ.) AND REGULATIONS THEREUNDER. VIOLATIONS OF THESE EXPORT LAWS ARE SUBJECT TO SEVERE CRIMINAL PENALTIES. DISSEMINATE IN ACCORDANCE WITH PROVISIONS OF DOD DIRECTIVE 5230.25 AND NASA REGULATIONS. DESTROY BY ANY METHOD THAT WILL PREVENT DISCLOSURE OF CONTENTS OR RECONSTRUCTION OF DOCUMENT.

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/26/65	WK
H		REVISED PER TDRR 20892			8/26/65	WK
J		REVISED PER TDRR 20904			9/26/65	WK
K		REVISED PER TDRR 21379			9/26/65	WK
L		REVISED PER TDRR 21410			9/26/65	WK
M		REVISED PER TDRR 21993			10/	
N		REVISED PER TDRR 22621			10/	
P		REVISED PER TDRR 22671			11/	
R		REVISED PER TDRR 22672			11/	
S		REVISED PER TDRR 22750			11/65	WK
T		REVISED PER TDRR 22823			11-30-65	WK
U		REVISED PER TDRR 23072			12-16-65	WK
V		REVISED PER TDRR 23521			12-16-65	WK
W		REVISED PER TDRR 23824	RAJ		1-5-65	WK
Y		REVISED PER TDRR 24018	RAJ		1-16-65	WK
Z		REVISED PER TDRR 24040	RAJ		1-25-65	WK
AA		REVISED PER TDRR 24060	RAJ		1-19-65	WK
AB		REVISED PER TDRR 24868	RAJ		2-22-66	WK
AC		REVISED PER TDRR 24973	RAJ		1-4-66	WK
AD		REVISED PER TDRR 25065	RAJ		1-866	WK
AE		REVISED PER TDRR 25672	RAJ		2-4-66	WK
AF		REVISED PER TDRR 25671	RAJ		2-4-66	WK

CASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
401	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11	B 2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
400	MIT	LIFTING SLING - G&N INST. QUAL. FIX. & AZM. REF. FIX.		102640		NAS-9-4066	B	II	NOTE 11	C 2.000	1.312	1.687	1.375	.078	.048	.078	.093	.093 DIA.	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.830	.070	.275	.180	1.844

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
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MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

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DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN 7-16-65
CHECKED
APPROVED
APPROVED
APPROVED MIT
APPROVED MSC
DATE

NAMEPLATES,
APOLLO G&N-GSE
(STANDARDS)

CODE IDENT NO. 80230
SIZE E
DRAWING NO. 1004260
SCALE NONE
SHEET 5 OF 5

1004260 LF1

SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/16/65	WK
H		REVISED PER TDRR 20892			8/16/65	WK
J		REVISED PER TDRR 20904			9/16/65	WK
K		REVISED PER TDRR 21379			10/16/65	WK
L		REVISED PER TDRR 21410			11/16/65	WK
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				WK
T		REVISED PER TDRR 22823				WK
U		REVISED PER TDRR 23072				
V		REVISED PER TDRR 23521			10-26-65	WK
W		REVISED PER TDRR 23824	RAJ		11-5-65	WK
Y		REVISED PER TDRR 24018	RAJ		11-16-65	WK
Z		REVISED PER TDRR 24040	RAJ		11-19-65	WK
AA		REVISED PER TDRR 24060	RAJ		11-19-65	WK
AB		REVISED PER TDRR 24868	RAJ		2-22-66	WK
AC		REVISED PER TDRR 24973	RAJ		1-4-66	WK
AD		REVISED PER TDRR 25065	RAJ		1-8-66	WK
AE		REVISED PER TDRR 25672	RAJ		2-4-66	WK
AF		REVISED PER TDRR 25671	RAJ		2-4-66	WK
AG		REVISED PER TDRR 26110	RAJ		2-15-66	WK

REVISIONS 02768

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
401	M I T	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
-00	M I T	LIFTING SLING - G&N INST. QUAL. FIX. & AZM. REF. FIX.		1021640		NAS-9-4066	B	II	NOTE 11	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.093	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.830	.070	.275	.180	1.844

THIS SHEET ADDED

(G) REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

NOTES FOR TABLE
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MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

AS APPLICABLE

NEXT ASSY | USED ON

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DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± .005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 10

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN		7-16-65
CHECKED		7-20-65
APPROVED		7-20-65
APPROVED		7-20-65
APPROVED MIT		7-20-65
APPROVED MSC		7-20-65

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | DATE | SHEET 5 OF 6

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SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
		REVISIONS 02768				
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7/14/65	WK
H		REVISED PER TDRR 20898			9/16/65	WK
J		REVISED PER TDRR 20904			9/20/65	WK
K		REVISED PER TDRR 21379			8/26/65	WK
L		REVISED PER TDRR 21410			8/26/65	WK
M		REVISED PER TDRR 21993			10/	
N		REVISED PER TDRR 22621			10/	
P		REVISED PER TDRR 22671			10/	
R		REVISED PER TDRR 22672			10/	
S		REVISED PER TDRR 22750			10/	WK
T		REVISED PER TDRR 22823			10/	WK
U		REVISED PER TDRR 23072			10-25-65	WK
V		REVISED PER TDRR 23521			10-26-65	WK
W		REVISED PER TDRR 23824	RAJ		11-9-65	WK
Y		REVISED PER TDRR 24018	RAJ		11-16-65	WK
Z		REVISED PER TDRR 24040	RAJ		11-15-65	WK
AA		REVISED PER TDRR 24060	RAJ		11-19-65	WK
AB		REVISED PER TDRR 24868	RAJ		12-22-65	WK
AC		REVISED PER TDRR 24973	RAJ		1-4-66	WK
AD		REVISED PER TDRR 25065	RAJ		1-18-66	WK
AE		REVISED PER TDRR 25672	RAJ		2-4-66	WK
AF		REVISED PER TDRR 25671	RAJ		2-4-66	WK
AG		REVISED PER TDRR 26110	RAJ		2-15-66	WK
AH		REVISED PER TDRR 26372	"		3-16-66	WK
AJ		REVISED PER TDRR 26425	"		3-16-66	WK
AK		REVISED PER TDRR 26438	-		3-15-66	WK
AL		REVISED PER TDRR 26798	"		3-16-66	WK

499 MIT
498

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
401	MIT	COMPUTER ASSY		2003100		NAS 9-497	A	I	NOTE 11	2.000	1.312	1.906	1.375	.078	.048	.078	.053	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
-00	MIT	LIFTING SLING - G&N INST. QUAL. FIX. & AZM. REF. FIX.		1021640		NAS9-4065	B	II	NOTE 11	2.000	1.312	1.687	1.375	.078	.048	.078	.053	.093 DIA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.830	.070	.275	.180	1.844

MIT DASH NUMBERS

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

NOTES FOR TABLE
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MASTER

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CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
.XX ±.005 ±
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

LIST OF MATERIALS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN	R. G. Jessup	7-16-65
CHECKED		
APPROVED		
APPROVED MIT		12/4/65
APPROVED MSC		12/4/65

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | DATE | SHEET 5 OF 6

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499	M	T
498		

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854	RJ		7/14/65	WK
H		REVISED PER TDRR 20892	RJ		8/16/65	WK
J		REVISED PER TDRR 20904	RJ		8/26/65	WK
K		REVISED PER TDRR 21379	RJ		9/16/65	WK
L		REVISED PER TDRR 21410	RJ		9/24/65	WK
M		REVISED PER TDRR 21993	RJ		10/	
N		REVISED PER TDRR 22621	"		10/	
P		REVISED PER TDRR 22671	RJ		11/	
R		REVISED PER TDRR 22672	RJ			
S		REVISED PER TDRR 22750	RJ		11/65	WK
T		REVISED PER TDRR 22823	RJ			
U		REVISED PER TDRR 23072	RJ		12-1-65	WK
V		REVISED PER TDRR 23521	RJ		12-16-65	WK
W		REVISED PER TDRR 23824	RAJ		1-5-66	WK
Y		REVISED PER TDRR 24018	RAJ		1-16-66	WK
Z		REVISED PER TDRR 24040	RAJ		1-15-66	WK
(4) AA		REVISED PER TDRR 24060	RAJ		1-19-66	WK
(5) AB		REVISED PER TDRR 24868	RAJ		2-22-66	WK
(6) AC		REVISED PER TDRR 24973	RAJ		1-4-66	WK
(7) AD		REVISED PER TDRR 25065	RAJ		1-18-66	WK
AE		REVISED PER TDRR 25672	RAJ		2-4-66	WK
(8) AF		REVISED PER TDRR 25671	RAJ		2-4-66	WK
AG		REVISED PER TDRR 26110	RAJ		2-15-66	WK
AH		REVISED PER TDRR 26372	"		3-16-66	WK
AJ		REVISED PER TDRR 26425	"		3-18-66	WK
AK		REVISED PER TDRR 26743	"		3-16-66	WK
(9) AL		REVISED PER TDRR 26738	"		3-16-66	WK
AM		REVISED PER TDRR 27168	"		4-7-66	WK
AN		REVISED PER TDRR 27235	"		4-7-66	WK
AP		REVISED PER TDRR 27345	"		4-7-66	WK
AR		REVISED PER TDRR 27417	"		4-7-66	WK
(10) AS		REVISED PER TDRR 27442	"		4-7-66	WK
AT		REVISED PER TDRR 27719	"		4-20-66	WK
AU		REVISED PER TDRR 27880	"		4-20-66	WK
AV		REVISED PER TDRR 27896	"		4-20-66	WK

REVISIONS 02768

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
40	M I T	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
400	M I T	LIFTING SLING-G&N INST. QUAL. FIX. & AZM. REF. FIX.		1021640		NAS-9-4066	B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.093	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	J10	1.850	.070	.275	.180	1.844

MIT DASH NUMBERS

THIS SHEET ADDED

(6) REPLACES REV F WITH CHANGE

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

AS APPLICABLE

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN		7-16-66
CHECKED		
APPROVED		
APPROVED		
APPROVED MIT		
APPROVED MSC		

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260

DATE | SCALE NONE | SHEET 5 OF 6

1004260 REV M

499	M I T
498	

REVISIONS 02768					
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854	AA		7-16-65	WM
H		REVISED PER TDRR 20892	AB		8-16-65	WM
J		REVISED PER TDRR 20904	AB		8-16-65	WM
K		REVISED PER TDRR 21379	AE		8-16-65	WM
L		REVISED PER TDRR 21410	AB		8-16-65	WM
M		REVISED PER TDRR 21993	AB			
N		REVISED PER TDRR 22621	AE			
P		REVISED PER T DRR 22671	AE			
R		REVISED PER TDRR 22672	AB			
S		REVISED PER TDRR 22750	AB			
T		REVISED PER TDRR 22823	AB			
U		REVISED PER TDRR 23072	AB			
V		REVISED PER TDRR 23521	AB		10-26-65	WM
W		REVISED PER TDRR 23824	RAJ		11-9-65	WM
Y		REVISED PER TDRR 24018	RAJ		11-16-65	WM
Z		REVISED PER TDRR 24040	RAJ		11-16-65	WM
AA		REVISED PER TDRR 24060	RAJ		11-19-65	WM
AB		REVISED PER TDRR 24868	RAJ		12-22-65	WM
AC		REVISED PER TDRR 24973	RAJ		1-4-66	WM
AD		REVISED PER TDRR 25065	RAJ		1-18-66	WM
AE		REVISED PER TDRR 25672	RAJ		2-4-66	WM
AF		REVISED PER TDRR 25671	RAJ		2-4-66	WM
AG		REVISED PER TDRR 26110	RAJ		2-15-66	WM
AH		REVISED PER TDRR 26372	"		3-16-66	WM
AJ		REVISED PER TDRR 26425	"		3-16-66	WM
AK		REVISED PER TDRR 26743	"		3-16-66	WM
AL		REVISED PER TDRR 26738	"		3-16-66	WM
AM		REVISED PER TDRR 27168	"		4-7-66	WM
AN		REVISED PER TDRR 27235	"		4-7-66	WM
AP		REVISED PER TDRR 27345	"		4-7-66	WM
AR		REVISED PER TDRR 27417	"		4-7-66	WM
AS		REVISED PER TDRR 27442	"		4-7-66	WM
AT		REVISED PER TDRR 27719	"		4-20-66	WM
AU		REVISED PER TDRR 27880	"		4-20-66	WM
AV		REVISED PER TDRR 27896	"		4-20-66	WM
AW		28110	"		5-16-66	WM
AY		28173	"		"	WM
AZ		28131	"		"	WM
BA		28124	"		"	WM
BB		REVISED PER TDRR 28511	"		5-16-66	WM

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
401	M I T	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
400	M I T	LIFTING SLING-G&N INST. QUAL. FIX. & AZM. REF. FIX.		1021640		NAS-9-4066	B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.093 DIA REF	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	J10	1.850	.070	.275	.180	1.844

THIS SHEET ADDED

(G) REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

AS APPLICABLE

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ± .005 ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

		DATE
DRAWN	[illegible]	7-16-66
CHECKED	[illegible]	7-22-66
APPROVED		
APPROVED	[illegible]	8-1-66
APPROVED MIT	[illegible]	7-16-66
APPROVED MSC	[illegible]	7-14-66

NAMEPLATES,
APOLLO G&N-GSE
(STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | SHEET 5 OF 5

1004260 D

REV. MODEL 6876						
SYM.	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
C		REPLACES REV F WITH CHANGE PER TDRR 20854			7-1-65	
H		REVISED PER TDRR 20698			8-16-65	
J		REVISED PER TDRR 20904			9-16-65	
K		REVISED PER TDRR 21379			10-25-65	
L		REVISED PER TDRR 21410			10-28-65	
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621			12/	
P		REVISED PER TDRR 22671			1/1	
R		REVISED PER TDRR 22672			1/1	
S		REVISED PER TDRR 22750			1/6	
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072			3-1-65	
V		REVISED PER TDRR 23521			10-26-65	
W		REVISED PER TDRR 23824	RAJ		11-9-65	
Y		REVISED PER TDRR 24018	RAJ		11-16-65	
Z		REVISED PER TDRR 24040	RAJ		11-12-65	
AA		REVISED PER TDRR 24060	RAJ		11-19-65	
AB		REVISED PER TDRR 24868	RAJ		12-22-65	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-18-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-15-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-7-66	
AN		REVISED PER TDRR 27633	"		4-7-66	
AP		REVISED PER TDRR 27345	"		4-7-66	
AR		REVISED PER TDRR 27417	"		4-7-66	
AS		REVISED PER TDRR 27442	"		4-7-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27880	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-20-66	
AW		28110	"		5-16-66	
AY		28173	"			
AZ		28131	"			
BA		28124	"			
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
401	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11 B	2.000	.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.675	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
400	MIT	LIFTING SLING-G&N INST. QUAL. FIX. & AZM. REF. FIX.		1021640		NAS-9-4066	B	II	NOTE 11 C	2.000	.312	1.687	1.375	.078	.048	.078	.093	.093 DIA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.675	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	J10	1.830	.070	.275	.180	1.844

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

THIS SHEET ADDED
(C) REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ± .005 ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL: SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN [illegible] 7-16-65
CHECKED [illegible] 7-20-65
APPROVED [illegible] 7/16/65
APPROVED [illegible] 7/16/65
APPROVED MIT [illegible] 7/16/65
APPROVED MSC [illegible] 7/16/65
DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 5 OF F

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4	9	M I T
4	98	

REVISIONS 02768

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854	MJ		7/14/65	WK
H		REVISED PER TDRR 20892	MJ		8/16/65	WK
J		REVISED PER TDRR 20904	MJ		9/24/65	WK
K		REVISED PER TDRR 21379	MJ		11/16/65	WK
L		REVISED PER TDRR 21410	MJ		11/26/65	WK
M		REVISED PER TDRR 21993	MJ			
N		REVISED PER TDRR 22621	MJ		1/1	
P		REVISED PER TDRR 22671	MJ		1/1	
R		REVISED PER TDRR 22672	MJ		1/1	
S		REVISED PER TDRR 22750	MJ			
T		REVISED PER TDRR 22823	MJ		1/27	WK
U		REVISED PER TDRR 23072	MJ		2-11-65	WK
V		REVISED PER TDRR 23521	MJ		3-26-65	WK
W		REVISED PER TDRR 23824	RAJ		11-9-65	WK
Y		REVISED PER TDRR 24018	RAJ		11-16-65	WK
Z		REVISED PER TDRR 24040	RAJ		11-19-65	WK
AA		REVISED PER TDRR 24060	RAJ		11-19-65	WK
AB		REVISED PER TDRR 24868	RAJ		2-22-65	WK
AC		REVISED PER TDRR 24973	RAJ		1-4-66	WK
AD		REVISED PER TDRR 25065	RAJ		1-18-66	WK
AE		REVISED PER TDRR 25672	RAJ		2-4-66	WK
AF		REVISED PER TDRR 25671	RAJ		2-4-66	WK
AG		REVISED PER TDRR 26110	RAJ		2-15-66	WK
AH		REVISED PER TDRR 26372	"		3-16-66	WK
AJ		REVISED PER TDRR 26425	"		3-16-66	WK
AK		REVISED PER TDRR 26743	"		3-16-66	WK
AL		REVISED PER TDRR 26798	"		3-16-66	WK
AM		REVISED PER TDRR 27168	"		4-7-66	WK
AN		REVISED PER TDRR 27235	"		4-7-66	WK
AP		REVISED PER TDRR 27345	"		4-7-66	WK
AR		REVISED PER TDRR 27417	"		4-7-66	WK
AS		REVISED PER TDRR 27442	"		4-7-66	WK
AT		REVISED PER TDRR 27719	"		4-20-66	WK
AU		REVISED PER TDRR 27880	"		4-20-66	WK
AV		REVISED PER TDRR 27896	"		4-20-66	WK
AW		28110	"		5-16-66	WK
AY		28173	"			WK
AZ		28131	"			WK
BA		28124	"			WK
BB		REVISED PER TDRR 28511	"		5-16-66	WK
BC		" " " 28349	"		5-26-66	WK
BD		" " " 29222	"		6-8-66	WK
BE		" " " 29235	"		"	WK

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
401	M I T	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
400	M I T	LIFTING SLING - G&N INST. QUAL. FIX. & AZM. REF. FIX.		1021640		NAS-9-4065	B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.093	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.830	.070	.275	.180	1.844

THIS SHEET ADDED
G REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN		7-16-65
CHECKED		7-16-65
APPROVED		7/16/65
APPROVED		7/16/65
APPROVED MIT		7/16/65
APPROVED MSC		7/16/65

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260
DATE | SCALE NONE | SHEET 5 OF 6

1004260 EF

NOTICE - THIS DOCUMENT CONTAINS INFORMATION OF A PROPRIETARY NATURE AND IS LOANED SUBJECT TO AGREEMENT THAT NO REPRODUCTION, NOT OTHERWISE AUTHORIZED, OF ANY PART OF IT SHALL BE MADE WITHOUT THE WRITTEN CONSENT OF MASSACHUSETTS INSTITUTE OF TECHNOLOGY, AND THAT THIS DOCUMENT SHALL BE RETURNED UPON REQUEST AND NOT OTHERWISE DISPOSED OF. THE INFORMATION CONTAINED HEREIN IS TO BE USED ONLY FOR THE PURPOSE FOR WHICH IT IS LOANED, AND NEITHER THIS DOCUMENT NOR THE INFORMATION CONTAINED HEREIN SHALL BE USED IN CONNECTION WITH ANY WORK OTHER THAN THAT AUTHORIZED BY MASSACHUSETTS INSTITUTE OF TECHNOLOGY, NOR SHALL IT BE DISCLOSED TO ANY UNAUTHORIZED PERSON WITHOUT THE WRITTEN CONSENT OF MASSACHUSETTS INSTITUTE OF TECHNOLOGY.

SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854	JJ		7/26/65	WH
H		REVISED PER TDRR 20892	JJ		8/26/65	WH
J		REVISED PER TDRR 22904	JJ		9/26/65	WH
K		REVISED PER TDRR 21379	JJ		8/26/65	WH
L		REVISED PER TDRR 21410	JJ		8/26/65	WH
M		REVISED PER TDRR 21993	JJ			
N		REVISED PER TDRR 22621	JJ			
P		REVISED PER TDRR 22671	JJ			
R		REVISED PER TDRR 22672	JJ			
S		REVISED PER TDRR 22750	JJ			
T		REVISED PER TDRR 22823	JJ			
U		REVISED PER TDRR 23072	JJ			
V		REVISED PER TDRR 23521	JJ			
W		REVISED PER TDRR 23824	RAJ			
Y		REVISED PER TDRR 24018	RAJ			
Z		REVISED PER TDRR 24040	RAJ			
AA		REVISED PER TDRR 24060	RAJ			
AB		REVISED PER TDRR 24868	RAJ			
AC		REVISED PER TDRR 24973	RAJ			
AD		REVISED PER TDRR 25065	RAJ			
AE		REVISED PER TDRR 25672	RAJ			
AF		REVISED PER TDRR 25671	RAJ			
AG		REVISED PER TDRR 26110	RAJ			
AH		REVISED PER TDRR 26372	"			
AJ		REVISED PER TDRR 26425	"			
AK		REVISED PER TDRR 26743	"			
AL		REVISED PER TDRR 26798	"			
AM		REVISED PER TDRR 27168	"			
AN		REVISED PER TDRR 27622	"			
AP		REVISED PER TDRR 27345	"			
AR		REVISED PER TDRR 27417	"			
AS		REVISED PER TDRR 27442	"			
AT		REVISED PER TDRR 27719	"			
AU		REVISED PER TDRR 27880	"			
AV		REVISED PER TDRR 27896	"			
AW		28110	"			
AY		28173	"			
AZ		28131	"			
BA		28124	"			
BB		REVISED PER TDRR 28511	"			
BC		" " " 28949	"			
BD		" " " 29222	"			
BE		" " " 29235	"			
BF		" " " 29322	"			
BG		" " " 29429	"			
BH		" " " 29449	"			
BJ		" " " 29335	"			
BK		" " " 29619	"			
BL		" " " 29696	"			

REVISIONS 02748

SH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
401	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11	B 2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
-00	MIT	LIFTING SLING-GSN INST. QUAL. FIX. & AZM. REF. FIX.		1021640		NAS-9-4065	B	II	NOTE 11	C 2.000	1.312	1.687	1.375	.078	.048	.078	.093	.093 DIA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.830	.070	.275	.180	1.844

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR GSN SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

AS APPLICABLE | NEXT ASSY | USED ON | APPLICATION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± .— ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL: SEE NOTE 11

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.	MANNED SPACECRAFT CENTER HOUSTON, TEXAS	
DRAWN [illegible]	7-16-65	NAMEPLATES, APOLLO GSN-GSE (STANDARDS)
CHECKED [illegible]	[illegible]	
APPROVED		
APPROVED [illegible]	7/16/65	
APPROVED MIT [illegible]	7/16/65	CODE IDENT NO 80230 · SIZE E · DRAWING NO. 1004260
APPROVED MISC [illegible]	7/16/65 DATE	SCALE NONE · SHEET 5 OF 6

SYM	ZONE	REVISIONS 02768 DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854				
H		REVISED PER TDRR 20892				
J		REVISED PER TDRR 20904				
K		REVISED PER TDRR 21379				
L		REVISED PER TDRR 21410				
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072				
V		REVISED PER TDRR 23521				
W		REVISED PER TDRR 23624	RAJ			
Y		REVISED PER TDRR 24018	RAJ			
Z		REVISED PER TDRR 24040	RAJ			
AA		REVISED PER TDRR 24060	RAJ			
AB		REVISED PER TDRR 24888	RAJ			
AC		REVISED PER TDRR 24973	RAJ			
AD		REVISED PER TDRR 25065	RAJ			
AE		REVISED PER TDRR 25672	RAJ			
AF		REVISED PER TDRR 25671	RAJ			
AG		REVISED PER TDRR 26110	RAJ			
AH		REVISED PER TDRR 26172	"			
AJ		REVISED PER TDRR 26429	"			
AK		REVISED PER TDRR 26743	"			
AL		REVISED PER TDRR 26788	"			
AM		REVISED PER TDRR 27166	"			
AN		REVISED PER TDRR 27235	"			
AP		REVISED PER TDRR 27345	"			
AR		REVISED PER TDRR 27417	"			
AS		REVISED PER TDRR 27442	"			
AT		REVISED PER TDRR 27719	"			
AU		REVISED PER TDRR 27880	"			
AV		REVISED PER TDRR 27896	"			
AW		" " " 28110	"			
AY		" " " 28173	"			
AZ		" " " 28131	"			
BA		" " " 28124	"			
BB		REVISED PER TDRR 28511	"			
BC		" " " 28949	"			
BD		" " " 29222	"			
BE		" " " 29235	"			
BF		" " " 25322	"			
BG		" " " 25429	"			
BH		" " " 25469	"			
BJ		" " " 29135	"			
BK		" " " 25613	"			
BL		" " " 29696	"			
BM		REVISION STATUS CHANGED	JSD			

-99	MIT
-98	

CAGE NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NC.	CONT. NC.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
401		MIT COMPUTER ASSY		2003100																																											
400		MIT LIFTING SLING-G&N INST. QUAL. FIX. & AZM REF. FIX.		1021640																																											
					MAS 9-497	A	I	NOTE 11	G	2.000	.312	.906	1.375	.078	.048	.078	.093	NA	.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	.375	.2 8	NA	.048	.03	.875	.305	.078	.53	1.906	.078	NA	.078	.051	.187	NA
					MAS 9-4065	B	II	NOTE 11	G	2.000	.312	.687	1.375	.078	.048	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.2 8	1.156	.843	.048	NA	.875	.305	.078	.53	1.906	.078	NA	.078	.051	.187	NA

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO
			LIST OF MATERIALS	

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER OF HOUSTON, TEXAS

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

DRAWN 4-16-65
CHECKED
APPROVED
APPROVED
APPROVED MIT
APPROVED NSC

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | SHEET

UNLESS OTHERWISE SPECIFIED LINEAR MEASURE ARE IN INCHES CAPACITOR VALUES ARE IN μf RESISTOR VALUES ARE IN OHMS TOLERANCES ON FRACTIONS DECIMALS ANGLES ± — ± .005 ± — DO NOT SCALE THIS DRAWING

MATERIAL SEE NOTE 11

AS APPLICABLE

NEXT ASSY	USED ON
APPLICATION	

MIT 1004260 G

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854				
H		REVISED PER TDRR 20882				
J		REVISED PER TDRR 20904				
K		REVISED PER TDRR 21379				
L		REVISED PER TDRR 21410				
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072				
V		REVISED PER TDRR 23561				
W		REVISED PER TDRR 23624	RAJ			
Y		REVISED PER TDRR 24018	RAJ			
Z		REVISED PER TDRR 24040	RAJ			
AA		REVISED PER TDRR 24060	RAJ			
AB		REVISED PER TDRR 24886	RAJ			
AC		REVISED PER TDRR 24973	RAJ			
AJ		REVISED PER TDRR 25065	RAJ			
AE		REVISED PER TDRR 25672	RAJ			
AF		REVISED PER TDRR 25671	RAJ			
AG		REVISED PER TDRR 26110	RAJ			
AH		REVISED PER TDRR 26372	"			
AJ		REVISED PER TDRR 26425	"			
AK		REVISED PER TDRR 26743	"			
AL		REVISED PER TDRR 26758	-			
AM		REVISED PER TDRR 27168	"			
AN		REVISED PER TDRR 27235	"			
AP		REVISED PER TDRR 27345	"			
AR		REVISED PER TDRR 27417	"			
AS		REVISED PER TDRR 27442	"			
AT		REVISED PER TDRR 27719	"			
AU		REVISED PER TDRR 27880	"			
AV		REVISED PER TDRR 27896	"			
AW		28110	"			
AY		28173	"			
AZ		28131	"			
BA		28124	"			
BB		REVISED PER TDRR 28511	"			
BC		" " " 28949	"			
BD		" " " 29222	"			
BE		" " " 29235	"			
BF		" " " 29322	"			
BG		" " " 29429	"			
BH		" " " 29449	"			
BJ		" " " 29335	"			
BK		" " " 29619	"			
BL		" " " 29696	"			
BM		REVISION STATUS CHANGED	JSD			
BN		REVISION STATUS CHANGED	JL			

-00	M I T	COMPUTER ASSY		1003100		NAS-9-497	A	I	NOTE 11	B	2.000	1.312	.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	.375	.218	NA	NA	.038	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
-00	M I T	LIFTING SLING - 4 IN INST. QUAL. FIX. & AZM REF. FIX.		1021640		NAS-9-4065	B	II	NOTE 11	C	2.000	1.312	.687	1.375	.078	.048	.078	.093	.25	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	.375	.218	1.156	1.843	.548	NA	.875	.305	.078	.312	1.847	.10	1.330	.070	.75	.180	1.914
DASH NO.	P/C	PART NAME	REMARKS	PART NO.		SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

MIT DASH NUMBERS

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

QTY REQD	PART OR IDENTIFYING NO	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

AS APPLICABLE | NEXT ASSY | USED ON | APPLICATION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

		DATE
DRAWN		7-16-66
CHECKED		7-22-66
APPROVED		
APPROVED		8-1-66
APPROVED MIT		8/4/66
APPROVED NSC		

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | SHEET 5 OF 6

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
401	MIT	COMPUTER ASSY		1003100			A	I	NOTE 11	B	2.000	1.312	.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.2 5	N:	NA	.048	.03	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
-001	MIT	LIFTING SLING - GN INST. QUAL. F.X. & AZM REF. FIX.		1021640			B	II	NOTE 11	C	2.000	.312	1.687	1.375	.078	.048	.078	.093	[illegible]	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.2 5	1.156	.843	.048	NA	.875	.305	.78	.312	1.937	.10	1.830	.070	.75	.190	1.44

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

THIS SHEET ADDED
© REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

REVISIONS 02768

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G	-	REPLACES REV F WITH CHANGE PER TDRR 20854	[illegible]		[illegible]	
H		REVISED PER TDRR 20892	[illegible]		[illegible]	
J		REVISED PER TDRR 20904	[illegible]		[illegible]	
K		REVISED PER TDRR 21379	[illegible]		[illegible]	
L		REVISED PER TDRR 21410	[illegible]		[illegible]	
M		REVISED PER TDRR 21993	[illegible]		[illegible]	
N		REVISED PER TDRR 22621	[illegible]		[illegible]	
P		REVISED PER TDRR 22671	[illegible]		[illegible]	
R		REVISED PER TDRR 22672	[illegible]		[illegible]	
S		REVISED PER TDRR 22750	[illegible]		[illegible]	
T		REVISED PER TDRR 22823	[illegible]		[illegible]	
U		REVISED PER TDRR 23072	[illegible]		[illegible]	
V		REVISED PER TDRR 23581	[illegible]		[illegible]	
W		REVISED PER TDRR 23824	RAJ		11-9-65	
Y		REVISED PER TDRR 24018	RAJ		11-16-65	
Z		REVISED PER TDRR 24040	RAJ		11-15-65	
(M) AA		REVISED PER TDRR 24060	RAJ		11-19-65	
(5) AB		REVISED PER TDRR 24868	RAJ		12-22-65	
(6) AC		REVISED PER TDRR 24973	RAJ		1-4-66	
(7) AD		REVISED PER TDRR 25065	RAJ		1-18-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
(8) AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-15-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
(9) AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	-		4-7-66	
AN		REVISED PER TDRR 27235	"		4-7-66	
AP		REVISED PER TDRR 27345	-		4-7-66	
AR		REVISED PER TDRR 27417	"		4-7-66	
(10) AS		REVISED PER TDRR 27442	-		4-7-66	
(11) AT		REVISED PER TDRR 27719	-		4-20-66	
(12) (13) AU		REVISED PER TDRR 27880	-		4-20-66	
(14) AV		REVISED PER TDRR 27896	"		4-20-66	
AW		28110	"		5-16-66	
AY		28173	"		"	
AZ		28131	"		"	
BA		28124	"		"	
BB		REVISED PER TDRR 28511	"		5-16-66	
(15) BC		" " " 28949	"		5-24-66	
(16) (17) BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29322	"		6-24-66	
BG		" " " 29429	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		"	
(18) BL		" " " 29696	"		6-29-66	
BM		REVISION STATUS CHANGED	JSD		7-29-66	
BN		REVISION STATUS CHANGED	JE	RW	11-4-66	
BP		REVISION STATUS CHANGED	JE	RW	11-8-66	

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO
			LIST OF MATERIALS	

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μF
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ± .005 ANGLES ± —
DO NOT SCALE THIS DRAWING
MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB
CAMBRIDGE MASS

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	[illegible]	7-16-65
CHECKED	[illegible]	[illegible]
APPROVED	[illegible]	[illegible]
APPROVED	[illegible]	[illegible]
APPROVED MIT	[illegible]	[illegible]
APPROVED MSC	[illegible]	[illegible]

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET [illegible] OF [illegible]

SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854				
H		REVISED PER TDRR 20892				
J		REVISED PER TDRR 20904				
K		REVISED PER TDRR 21379				
L		REVISED PER TDRR 21410				
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072				
V		REVISED PER TDRR 23521				
W		REVISED PER TDRR 23624	RAJ		11-9-65	
Y		REVISED PER TDRR 24018	RAJ		11-16-65	
Z		REVISED PER TDRR 24040	RAJ		11-15-65	
AA		REVISED PER TDRR 24060	RAJ		11-19-65	
AB		REVISED PER TDRR 24868	RAJ		12-22-65	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AD		REVISED PER TDRR 25065	RAJ		1-18-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-15-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26738	"		3-15-66	
AM		REVISED PER TDRR 27168	"		4-7-66	
AN		REVISED PER TDRR 27235	"		4-7-66	
AP		REVISED PER TDRR 27345	"		4-7-66	
AR		REVISED PER TDRR 27417	"		4-7-66	
AS		REVISED PER TDRR 27442	"		4-7-66	
AT		REVISED PER TDRR 27719	"		4-22-66	
AU		REVISED PER TDRR 27880	"		4-22-66	
AV		REVISED PER TDRR 27896	"		4-25-66	
AW		28110	"		5-16-66	
AY		28173	"		"	
AZ		28131	"		"	
BA		28124	"		"	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28543	"		5-24-66	
BD		" " " 29222	"		6-9-66	
BE		" " " 29235	"		"	
BF		" " " 29322	"		6-24-66	
BG		" " " 29429	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		"	
BL		" " " 29696	"		6-29-66	
BM		REVISION STATUS CHANGED	JSD		7-29-66	
BN		REVISION STATUS CHANGED	JE	RW	8-2-66	
BP		REVISION STATUS CHANGED	JE	RW	8-2-66	
BR		REVISION STATUS CHANGED	JE	RW	8-2-66	

499 MIT
498

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
-001	M	IT COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11	B 2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
-002	M	IT LIFTING SLING-G&N INST. QUAL. F.X. (AZM REF. FIX.		1021640		NAS-9-4066	B	II	NOTE 11	C 2.000	1.312	1.687	1.375	.078	.048	.078	.093	DIA. .093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.079	.312	1.937	.110	1.930	.070	.75	.190	1.-4

THIS SHEET ADDED
© REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

QTY W/ DASH	PART OR IDENTIFYING NO	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

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NEXT ASSY | USED ON
APPLICATION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN		7-16-65
CHECKED		7-22-65
APPROVED		7-25-65
APPROVED MIT		7-25-65
APPROVED NASA		7-27-65

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260 | REV

SCALE NONE | SHEET 1 OF 1

REVISIONS 02748

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			2-16-65	
H		REVISED PER TDRR 20892			3-4-65	
J		REVISED PER TDRR 20904			3-8-65	
K		REVISED PER TDRR 21379			4-6-65	
L		REVISED PER TDRR 21410			4-20-65	
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072				
V		REVISED PER TDRR 23521			8-26-65	
W		REVISED PER TDRR 23624	RAJ		11-9-65	
Y		REVISED PER TDRR 24018	RAJ		11-16-65	
Z		REVISED PER TDRR 24040	RAJ		11-15-65	
AA		REVISED PER TDRR 24060	RAJ		11-29-65	
AB		REVISED PER TDRR 24868	RAJ		12-22-65	
AC		REVISED PER TDRR 24973	RAJ		1-4-66	
AJ		REVISED PER TDRR 25065	RAJ		1-18-66	
AE		REVISED PER TDRR 25672	RAJ		2-4-66	
AF		REVISED PER TDRR 25671	RAJ		2-4-66	
AG		REVISED PER TDRR 26110	RAJ		2-15-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27159	"		4-7-66	
AN		REVISED PER TDRR 27235	"		4-7-66	
AP		REVISED PER TDRR 27345	"		4-7-66	
AR		REVISED PER TDRR 27417	"		4-7-66	
AS		REVISED PER TDRR 27442	"		4-7-66	
AT		REVISED PER TDRR 27719	"		4-22-66	
AU		REVISED PER TDRR 27880	"		4-27-66	
AV		REVISED PER TDRR 27896	"		4-20-66	
AW		" " " 28110	"		5-16-66	
AY		" " " 28173	"		"	
AZ		" " " 28131	"		"	
BA		" " " 28124	"		"	
BB		REVISED PER TDRR 28511			5-16-66	
BC		" " " 28549	"		5-26-66	
BD		" " " 29232	"		6-9-66	
BE		" " " 29235	"		"	
BF		" " " 29322	"		6-24-66	
BG		" " " 28429	"		"	
BM		" " " 29449	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		"	
BL		" " " 29696	"		6-28-66	
BM		REVISION STATUS CHANGED	JSD		7-29-66	
BN		REVISION STATUS CHANGED	JSD	RW	8-2-66	
BP		REVISION STATUS CHANGED	JSD	RW	8-2-66	
BR		REVISION STATUS CHANGED	JSD	RW	8-2-66	
BS		REVISION STATUS CHANGED	GW	RW	8-2-66	

THIS SHEET ADDED.
(G) REPLACES REV F WITH CHANGE

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
-40	M	IT COMPUTER ASSY		1003100			NAS-9-497	A	I	NOTE 11	B	2.000	1.312	.906	1.375	.078	.048	.078	.093	NA	NA	.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	.375	2.18	1.156	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
-OC	M	T LIFTING SLING - 4 IN INST. QUAL. FIX. & AZM REF. FIX.		102640			NAS-9-4065	B	II	NOTE 11	C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	2.18	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.830	.070	2.75	.193	1.214

MIT DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

QTY REQD	PART OR IDENTIFYING NO	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO
			LIST OF MATERIALS	

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN 4-4 7-16-66
CHECKED 7-22-66
APPROVED
APPROVED 8/4/65

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

APPROVED MIT 10/4/65
APPROVED MSC
DATE

CODE IDENT NO 80230
SIZE E
DRAWING NO. 1004260
SCALE NONE
SHEET 1 OF 2

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REVISIONS 0276B

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854	"		7/24	WK
H		REVISED PER TDRR 20892	"		8/26	WK
J		REVISED PER TDRR 20904	"		8/26	WK
K		REVISED PER TDRR 21379	"		9/26	WK
L		REVISED PER TDRR 21410	"		9/26	WK
M		REVISED PER TDRR 21993	"		10/	
N		REVISED PER TDRR 22621	"		10/	
P		REVISED PER TDRR 22671	"		11/	
R		REVISED PER TDRR 22672	"		11/	
S		REVISED PER TDRR 22750	"		11/	WK
T		REVISED PER TDRR 22823	"		12/	WK
U		REVISED PER TDRR 23072	"		1-3-66	WK
V		REVISED PER TDRR 23521	"		1-26-66	WK
W		REVISED PER TDRR 23624	RAJ		1-31-66	WK
Y		REVISED PER TDRR 24018	RAJ		2-16-66	WK
Z		REVISED PER TDRR 24040	RAJ		2-16-66	WK
(20) AA		REVISED PER TDRR 24060	RAJ		2-16-66	WK
(21) AB		REVISED PER TDRR 24868	RAJ		3-22-66	WK
(22) AC		REVISED PER TDRR 24973	RAJ		3-24-66	WK
(23) AD		REVISED PER TDRR 25065	RAJ		3-28-66	WK
AE		REVISED PER TDRR 25672	RAJ		4-26-66	WK
(24) AF		REVISED PER TDRR 25671	RAJ		4-26-66	WK
AG		REVISED PER TDRR 26110	RAJ		5-16-66	WK
AH		REVISED PER TDRR 26372	"		5-16-66	WK
AJ		REVISED PER TDRR 26425	"		5-16-66	WK
AK		REVISED PER TDRR 26743	"		5-16-66	WK
AL		REVISED PER TDRR 26908	"		5-16-66	WK
(25) AM		REVISED PER TDRR 27163	"		6-7-66	WK
AN		REVISED PER TDRR 27235	"		6-7-66	WK
AP		REVISED PER TDRR 27345	"		6-7-66	WK
AR		REVISED PER TDRR 27417	"		6-7-66	WK
(26) AS		REVISED PER TDRR 27442	"		6-7-66	WK
AT		REVISED PER TDRR 27778	"		6-20-66	WK
(27) AU		REVISED PER TDRR 27880	"		6-20-66	WK
(28) AV		REVISED PER TDRR 27896	"		6-20-66	WK
AW		" " " 28110	"		5-16-66	WK
AY		" " " 28173	"		"	WK
AZ		" " " 28131	"		"	WK
BA		" " " 28124	"		"	WK
BB		REVISED PER TDRR 28511	"		5-16-66	WK
(29) BC		" " " 28949	"		7-26-66	WK
(30) BD		" " " 29222	"		8-8-66	WK
BE		" " " 29235	"		"	WK
BF		" " " 29332	"		8-24-66	WK
BG		" " " 29429	"		"	WK
BH		" " " 29449	"		"	WK
BJ		" " " 29335	"		"	WK
BK		" " " 29619	"		"	WK
(31) BL		" " " 29696	"		9-29-66	WK
BM		REVISION STATUS CHANGED	JSD		7-29-66	
BN		REVISION STATUS CHANGED	—	RW	10-24-66	
BP		REVISION STATUS CHANGED	JE	RW	11-22-66	
BR		REVISION STATUS CHANGED	JE	RW	11-28-66	
BS		REVISION STATUS CHANGED	GW	RW	12-5-66	
BT		REVISION STATUS CHANGED	GW	RW	12-8-66	

ITEM NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
10	M I T	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
20	M I T	LIFTING SLING - G&N INST. QUAL. FIX. & AZM. REF. FIX.		1021640		NAS-9-4066	B	II	NOTE 11	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.246	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.830	.070	.275	.180	1.234

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ± .005 ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB
CAMBRIDGE MASS

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN [illegible] 5-16-66
CHECKED [illegible] 5-20-66
APPROVED
APPROVED [illegible] 5-16-66
APPROVED MIT [illegible] 12-6-66
APPROVED MSC [illegible] 12-6-66
DATE

NAMEPLATES,
APOLLO G&N-GSE
(STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO 1004260
SCALE NONE | SHEET 1 OF

REVISIONS 027-8						
SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854	"		7-16-65	WK
H		REVISED PER TDRR 20892	"		7-26-65	WK
J		REVISED PER TDRR 20904	"		7-26-65	WK
K		REVISED PER TDRR 21379	"		8-16-65	WK
L		REVISED PER TDRR 21410	"		8-26-65	WK
M		REVISED PER TDRR 21993	"			
N		REVISED PER TDRR 22621	"		10/	
P		REVISED PER TDRR 22171	"		11/	
R		REVISED PER TDRR 22672	"		11/	
S		REVISED PER TDRR 22750	"		10/	WK
T		REVISED PER TDRR 22823	"			
U		REVISED PER TDRR 23072	"		11-15-65	WK
V		REVISED PER TDRR 23521	"		12-28-65	WK
W		REVISED PER TDRR 23-24	RAJ		1-9-66	WK
Y		REVISED PER TDRR 24018	RAJ		11-16-65	WK
Z		REVISED PER TDRR 24140	RAJ		11-12-65	WK
AA		REVISED PER TDRR 24160	RAJ		11-19-65	WK
AB		REVISED PER TDRR 24868	RAJ		12-22-65	WK
AC		REVISED PER TDRR 24973	RAJ		1-4-66	WK
AD		REVISED PER TDRR 25065	RAJ		1-18-66	WK
AE		REVISED PER TDRR 25672	RAJ		2-4-66	WK
AF		REVISED PER TDRR 25,371	RAJ		2-4-66	WK
AG		REVISED PER TDRR 26110	RAJ		2-15-66	WK
AH		REVISED PER TDRR 26372	"		3-16-66	WK
AJ		REVISED PER TDRR 26425	"		3-16-66	WK
AK		REVISED PER TDRR 26743	"		3-16-66	WK
AL		REVISED PER TDRR 26758	"		3-16-66	WK
AM		REVISED PER TDRR 27163	"		4-7-66	WK
AN		REVISED PER TDRR 27235	"		4-7-66	WK
AP		REVISED PER TDRR 27345	"		4-7-66	WK
AR		REVISED PER TDRR 27417	"		4-7-66	WK
AS		REVISED PER TDRR 27442	"		4-7-66	WK
AT		REVISED PER TDRR 27719	"		4-20-66	WK
AU		REVISED PER TDRR 27880	"		4-20-66	WK
AV		REVISED PER TDRR 27896	"		4-20-66	WK
AW		" " " 28110	"		5-16-66	WK
AY		" " " 28173	"		"	WK
AZ		" " " 28131	"		"	WK
BA		" " " 28124	"		"	WK
BB		REVISED PER TDRR 28511	"		5-16-66	WK
BC		" " " 28348	"		5-24-66	WK
BD		" " " 29222	"		6-8-66	WK
BE		" " " 29235	"		"	WK
BF		" " " 29322	"		6-24-66	WK
BG		" " " 29429	"		"	WK
BH		" " " 29449	"		"	WK
BJ		" " " 29335	"		"	WK
BK		" " " 29619	"		"	WK
BL		" " " 29696	"		6-29-66	WK
BM		REVISION STATUS CHANGED	JD		7-20-66	
BN		REVISION STATUS CHANGED	JZ	RJW	10-25-66	
BP		REVISION STATUS CHANGED	JZ	RJW	11-22-66	
BR		REVISION STATUS CHANGED	JZ	RJW	11-22-66	
BS		REVISION STATUS CHANGED	GW	RJW	12-6-66	
BT		REVISION STATUS CHANGED	GW	RJW	12-6-66	
BU		REVISION STATUS CHANGED	EH	JZ	1-3-67	

THIS SHEET ADDED
⑥ REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
-40	M I T	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11	B 2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
-100	M	LIFTING SLING-G&N INST. QUAL., FIX. & AZM. REF. FIX.		1021640		NAS-9-4066	B	II	NOTE 11	C 2.000	1.312	1.687	1.375	.078	.048	.078	.093	.093	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.890	.070	.75	.180	1.944

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS				

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS ± —, DECIMALS ± .005, ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL: SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS

DRAWN 4-9 James 7-16-65
CHECKED [illegible] 7-26-65
APPROVED [illegible]
APPROVED [illegible] 7/26/65
APPROVED MIT [illegible] 7/26/65
APPROVED MSC [illegible] DATE

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 5 OF

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. IC.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
-401	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11	2.000	1.312	.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
-001	MIT	LIFTING SLING-G&N INST. QUAL., FIX. & AZM REF. FIX.		1021640		NAS-9-4066	B	II	NOTE 11	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.820	.070	.75	.190	1.934

THIS SHEET ADDED
© REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G	-	REPLACES REV F WITH CHANGE PER TDRR 20854				
H		REVISED PER TDRR 20882				
J		REVISED PER TDRR 20904				
K		REVISED PER TDRR 21379				
L		REVISED PER TDRR 21410				
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072				
V		REVISED PER TDRR 23561				
W		REVISED PER TDRR 23624	RAJ			
Y		REVISED PER TDRR 24018	RAJ			
Z		REVISED PER TDRR 24040	RAJ			
AA		REVISED PER TDRR 24420	RAJ			
AB		REVISED PER TDRR 24888	RAJ			
AC		REVISED PER TDRR 24973	RAJ			
AD		REVISED PER TDRR 25065	RAJ			
AE		REVISED PER TDRR 25672	RAJ			
AF		REVISED PER TDRR 25671	RAJ			
AG		REVISED PER TDRR 26110	RAJ			
AH		REVISED PER TDRR 26372				
AJ		REVISED PER TDRR 26425				
AK		REVISED PER TDRR 26743				
AL		REVISED PER TDRR 26738				
AM		REVISED PER TDRR 27168				
AN		REVISED PER TDRR 27235				
AP		REVISED PER TDRR 27345				
AR		REVISED PER TDRR 27417				
AS		REVISED PER TDRR 27442				
AT		REVISED PER TDRR 27719				
AU		REVISED PER TDRR 27880				
AV		REVISED PER TDRR 27896				
AW		28110				
AY		28173				
AZ		28131				
BA		28128				
BB		REVISED PER TDRR 28511				
BC		" " " 28949				
BD		" " " 23222				
BE		" " " 29235				
BF		" " " 29322				
BG		" " " 29429				
BH		" " " 29349				
BJ		" " " 29335				
BK		" " " 29619				
BL		" " " 29696				
BM		REVISION STATUS CHANGED	JSD			
BN		REVISION STATUS CHANGED				
BP		REVISION STATUS CHANGED				
BR		REVISION STATUS CHANGED				
BS		REVISION STATUS CHANGED	GW			
BT		REVISION STATUS CHANGED	GW			
BU		REVISION STATUS CHANGED	GW			
BV		REVISION STATUS CHANGED	GW			

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± ± .005 ± —
DO NOT SCALE THIS DRAWING
MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN 7-16-66
CHECKED
APPROVED
APPROVED
APPROVED MIT
APPROVED MSC
DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230
SIZE E
DRAWING NO. 100426 0
SCALE NONE
SHEET OF

100426 0 BB

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20894				
H		REVISED PER TDRR 20892				
J		REVISED PER TDRR 20904				
K		REVISED PER TDRR 21379				
L		REVISED PER TDRR 21410				
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072				
V		REVISED PER TDRR 23521				
W		REVISED PER TDRR 23624				
Y		REVISED PER TDRR 24018				
Z		REVISED PER TDRR 24040				
AA		REVISED PER TDRR 24060				
AB		REVISED PER TDRR 24858				
AC		REVISED PER TDRR 24973				
AD		REVISED PER TDRR 25765				
AE		REVISED PER TDRR 25672				
AF		REVISED PER TDRR 25671				
AG		REVISED PER TDRR 26110				
AH		REVISED PER TDRR 26372				
AJ		REVISED PER TDRR 26425				
AK		REVISED PER TDRR 26743				
AL		REVISED PER TDRR 26738				
AM		REVISED PER TDRR 27168				
AN		REVISED PER TDRR 27235				
AP		REVISED PER TDRR 27345				
AR		REVISED PER TDRR 27417				
AS		REVISED PER TDRR 27442				
AT		REVISED PER TDRR 27719				
AU		REVISED PER TDRR 27880				
AV		REVISED PER TDRR 27896				
AW		28110				
AY		28173				
AZ		28131				
BA		28124				
BB		REVISED PER TDRR 28511				
BC		" " " 28943				
BD		" " " 29222				
BE		" " " 29235				
BF		" " 29322				
BG		" " " 29429				
BH		" " " 29449				
BJ		" " " 29335				
BK		" " " 29613				
BL		" " " 29696				
BM		REVISION STATUS CHANGED	JSB			
BN		REVISION STATUS CHANGED				
BP		REVISION STATUS CHANGED				
BR		REVISION STATUS CHANGED				
BS		REVISION STATUS CHANGED	GW			
BT		REVISION STATUS CHANGED	GW			
BU		REVISION STATUS CHANGED				
BV		REVISION STATUS CHANGED	JSB			
BW		REVISION STATUS CHANGED	JSB			

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
401	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11	B	2.000	1.312	.906	1.375	.078	.048	.078	.093	NA	NA	.25	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.551	.187	NA
400	MIT	LIFTING SLING-G&N INST. QUAL. FIX. & AZM REF. FIX.		1021640		NAS-9-4066	B	II	NOTE 11	C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.187	.110	1.250	.070	.275	.190	1.414

THIS SHEET ADDED.
(G) REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

QTY REQD	PART OR IDENTIFYING NO	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO
			LIST OF MATERIALS	

AS APPLICABLE

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ± .005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB
CAMBRIDGE MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN 7-16-66
CHECKED 7-16-66
APPROVED
APPROVED

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

APPROVED MIT
APPROVED MSC
DATE

CODE IDENT NO 80230
SIZE E
DRAWING NO 1004260
SCALE NONE
SHEET 1 OF 2

1004260 REV G

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
401	MIT	COMPUTER ASSY		1003100		NAS-9-497	A	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.053	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.451	.187	NA
400	MIT	LIFTING SLING-G&N INST. QUAL. FIX. & AZM REF. FIX.		1021640		NAS-9-1066	B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.048	.078	.093		.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.850	.070	.275	.180	1.844

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

DASH NO.	REVISION	DESCRIPTION	BY	CHK	DATE	APPROVED
G	*	REPLACES REV F PER TDRR 20894				
H		REVISED PER TDRR 20898				
J		REVISED PER TDRR 20904				
K		REVISED PER TDRR 21378				
L		REVISED PER TDRR 21410				
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23072				
V		REVISED PER TDRR 23561				
W		REVISED PER TDRR 23624				
Y		REVISED PER TDRR 24018				
Z		REVISED PER TDRR 24040				
AA		REVISED PER TDRR 24060				
AB		REVISED PER TDRR 24868				
AC		REVISED PER TDRR 24973				
AD		REVISED PER TDRR 25065				
AE		REVISED PER TDRR 25672				
AF		REVISED PER TDRR 25671				
AG		REVISED PER TDRR 26110				
AH		REVISED PER TDRR 26372				
AJ		REVISED PER TDRR 26425				
AK		REVISED PER TDRR 26743				
AL		REVISED PER TDRR 26758				
AM		REVISED PER TDRR 27151				
AN		REVISED PER TDRR 27235				
AP		REVISED PER TDRR 27345				
AR		REVISED PER TDRR 27417				
AS		REVISED PER TDRR 27442				
AT		REVISED PER TDRR 27710				
AU		REVISED PER TDRR 27880				
AV		REVISED PER TDRR 27896				
AW		28110				
AY		28173				
AZ		28131				
BA		28124				
BB		REVISED PER TDRR 28511				
BC		" " " 28549				
BD		" " " 29222				
BE		" " " 29235				
BF		" " " 29322				
BG		" " " 29429				
BH		" " " 29449				
BJ		" " " 29335				
BK		" " " 29619				
BL		" " " 29896				
BM		REVISION STATUS CHANGED	JSH			
BN		REVISION STATUS CHANGED				
BP		REVISION STATUS CHANGED				
BR		REVISION STATUS CHANGED				
BS		REVISION STATUS CHANGED	GW			
BT		REVISION STATUS CHANGED				
BU		REVISION STATUS CHANGED				
BV		REVISION STATUS CHANGED				
BW		REVISION STATUS CHANGED				
BY		REVISION STATUS CHANGED				

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± ---- ± .005 ± ---
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB Cambridge, Mass.

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN		7-16-65
CHECKED		
APPROVED		
APPROVED MIT		10/4/66
APPROVED MSC		

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO 1004260

DATE | SCALE NONE | SHEET

1004260 BW

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SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854	"		7/14/65	WK
H		REVISED PER TDRR 20892	"		8/16/65	WK
J		REVISED PER TDRR 20904	"		8/26/65	WK
K		REVISED PER TDRR 21379	"		9/16/65	WK
L		REVISED PER TDRR 21410	"		9/29/65	WK
M		REVISED PER TDRR 21993	"			
N		REVISED PER TDRR 22621	"		10/	
P		REVISED PER TDRR 22671	"		11/	
R		REVISED PER TDRR 22672	"			
S		REVISED PER TDRR 22750	"			11/65 WK
T		REVISED PER TDRR 22823	"			
U		REVISED PER TDRR 23072	"		12-17-65	WK
V		REVISED PER TDRR 23521	"		1-26-66	WK
W		REVISED PER TDRR 23824	RAJ		2-9-66	WK
Y		REVISED PER TDRR 24018	RAJ		2-16-66	WK
Z		REVISED PER TDRR 24040	RAJ		2-16-66	WK
(10) AA		REVISED PER TDRR 24060	RAJ		2-17-66	WK
(8) AB		REVISED PER TDRR 24868	RAJ		3-22-66	WK
AC		REVISED PER TDRR 24973	RAJ		3-4-66	WK
(9) AD		REVISED PER TDRR 25065	RAJ		3-18-66	WK
AE		REVISED PER TDRR 25672	RAJ		3-4-66	WK
(7) AF		REVISED PER TDRR 25671	RAJ		3-4-66	WK
AG		REVISED PER TDRR 26110	RAJ		3-11-66	WK
AH		REVISED PER TDRR 26372	"		3-16-66	WK
AJ		REVISED PER TDRR 26425	"		3-18-66	WK
AK		REVISED PER TDRR 6743	"		3-20-66	WK
(5) AL		REVISED PER TDRR 26798	"		3-16-66	WK
AM		REVISED PER TDRR 27168	"		4-7-66	WK
AN		REVISED PER TDRR 27235	"		4-7-66	WK
AP		REVISED PER TDRR 27345	"		4-7-66	WK
AR		REVISED PER TDRR 27417	"		4-7-66	WK
(2) AS		REVISED PER TDRR 27442	"		4-7-66	WK
(4) AT		REVISED PER TDRR 27719	"		4-20-66	WK
(3) AU		REVISED PER TDRR 27880	"		4-20-66	WK
(6) AV		REVISED PER TDRR 27896	"		4-20-66	WK
AW		28110	"		5-16-66	WK
AY		28173	"			WK
AZ		28131	"			WK
BA		28124	"			WK
BB		REVISED PER TDRR 28511	"		5-16-66	WK
(22) BC		" " " 28949	"		5-26-66	WK
(23) BD		" " " 29222	"		6-8-66	WK
BE		" " " 29235	"		"	WK
BF		" " " 29322	"		6-24-66	WK
BG		" " " 29429	"		"	WK
BH		" " " 29449	"		"	WK
BJ		" " " 29335	"		"	WK
BK		" " " 29619	"		"	WK
(11) BL		" " " 29696	"		6-29-66	WK
BM		REVISION STATUS CHANGED	JSD		7-29-66	
BN		REVISION STATUS CHANGED	JJ	RJW	8-29-66	
BP		REVISION STATUS CHANGED	JJ	RJW	9-9-66	
BR		REVISION STATUS CHANGED	JJ	RJW	9-9-66	
BS		REVISION STATUS CHANGED	GW	RJW	9-9-66	
(1) BT		REVISION STATUS CHANGED	GW	RJW	9-9-66	
(12) BU		REVISION STATUS CHANGED	EH	JJ	9-29-66	
BV		REVISION STATUS CHANGED	JJB	RJW	10-7-66	
BW		REVISION STATUS CHANGED	JJB	RJW	10-7-66	
BY		REVISION STATUS CHANGED	JJB	RJW	10-7-66	
BZ		REVISION STATUS CHANGED	JJB	RJW	10-7-66	

QTY REQD	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
-01	M I T	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11	B 2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.25	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
-02	M I T	LIFTING SLING - G&N INST. QUAL. FIX. & AZM. REF. FIX.		1021640		NAS-9-4066	B	II	NOTE 11	C 2.000	.312	1.687	1.375	.078	.048	.078	.093	.093	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.250	.070	.375	.180	1.424

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

THIS SHEET ADDED
(6) REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO

LIST OF MATERIALS

AS APPLICABLE

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB
CAMBRIDGE MASS

DRAWN R. Jones 7-16-65
CHECKED A.J. Cruger 7-22-65
APPROVED
APPROVED W.H. Hopkins 7/26/65
APPROVED MIT W.H. Hopkins 7/26/65
APPROVED MSC [illegible] 7/26/65
DATE

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

NAMEPLATES,
APOLLO G & N - GSE
(STANDARDS)

CODE IDENT NO 80230
SIZE E
DRAWING NO. 1004260
SCALE NON
SHEET 5 OF 5

NOTICE - THIS DOCUMENT CONTAINS INFORMATION OF A PROPRIETARY NATURE AND IS DISCLOSED ONLY FOR THE PURPOSE OF CONSTRUCTION OR MAINTENANCE OF A DRAPER LABORATORY DESIGNED SYSTEM. BY TAKING DELIVERY OF THIS DOCUMENT THE HOLDER AGREES TO HOLD IN CONFIDENCE ALL INFORMATION CONTAINED HEREIN, AND TO REPRODUCE THIS NOTICE ON ANY REPRODUCTION HEREOF IN WHOLE OR IN PART. OTHER RESTRICTIONS MAY BE IMPOSED BY CONTRACT.

REVISIONS					
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854	JJ		7/26/65	WK
H		REVISED PER TDRR 20892	JJ		8/26/65	WK
J		REVISED PER TDRR 20904	JJ		9/9/65	WK
K		REVISED PER TDRR 21379	JJ		9/16/65	WK
L		REVISED PER TDRR 21410	JJ		9/29/65	WK
M		REVISED PER TDRR 21993	JJ			
N		REVISED PER TDRR 22621	JJ			
P		REVISED PER TDRR 22671	JJ			
R		REVISED PER TDRR 22672	JJ			
S		REVISED PER TDRR 22750	JJ			
T		REVISED PER TDRR 22823	JJ			
U		REVISED PER TDRR 23072	JJ			
V		REVISED PER TDRR 23521	JJ			
W		REVISED PER TDRR 23624	RAJ			
Y		REVISED PER TDRR 24018	RAJ			
Z		REVISED PER TDRR 24040	RAJ			
AA		REVISED PER TDRR 24060	RAJ			
AB		REVISED PER TDRR 24868	RAJ			
AC		REVISED PER TDRR 24973	RAJ			
AD		REVISED PER TDRR 25065	RAJ			
AE		REVISED PER TDRR 25672	RAJ			
AF		REVISED PER TDRR 25671	RAJ			
AG		REVISED PER TDRR 26110	RAJ			
AH		REVISED PER TDRR 26372	"			
AJ		REVISED PER TDRR 26425	"			
AK		REVISED PER TDRR 26743	"			
AL		REVISED PER TDRR 26738				
AM		REVISED PER TDRR 27168	"			
AN		REVISED PER TDRR 27235	"			
AP		REVISED PER TDRR 27345	"			
AR		REVISED PER TDRR 27417	"			
AS		REVISED PER TDRR 27442	"			
AT		REVISED PER TDRR 27719	"			
AU		REVISED PER TDRR 27880	"			
AV		REVISED PER TDRR 27896	"			
AW		28110	"			
AY		28173	"			
AZ		28131	"			
BA		28124	"			
BB		REVISED PER TDRR 28511	"			
BC		" " " 28949	"			
BD		" " " 29222	"			
BE		" " " 29235	"			
BF		" " " 29322	"			
BG		" " " 29429	"			
BH		" " " 29449	"			
BJ		" " " 29335	"			
BK		" " " 29619	"			
BL		" " " 29696	"			
BM		REVISION STATUS CHANGED	JSD			
BN		REVISION STATUS CHANGED	JJ	RAJ		
BP		REVISION STATUS CHANGED	JJ	RAJ		
BR		REVISION STATUS CHANGED	JJ	RAJ		
BS		REVISION STATUS CHANGED	GW	RAJ		
BT		REVISION STATUS CHANGED	GW	RAJ		
BU		REVISION STATUS CHANGED	EH	JJ		
BV		REVISION STATUS CHANGED	WB	RAJ		
BW		REVISION STATUS CHANGED	WB	RAJ		
BY		REVISION STATUS CHANGED	WB	RAJ	4 OCT 66	
BZ		REVISION STATUS CHANGED	WB	RAJ	10 OCT 66	
CA		REVISION STATUS CHANGED	WB	WK	5 OCT 66	

NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
-10	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
-100	MIT	LIFTING SLING - G&N INST. QUAL. FIX. & AZM REF. FIX.		1021640		NAS-9-4066	B	II	NOTE 11	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.850	.070	.275	.180	1.744

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE MASS

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	R. A. Jones	7-16-65
CHECKED	W. J. Kroupa	7-26-65
APPROVED		
APPROVED	W. Hopkins	7/26/65
APPROVED MIT	W. Hopkins	10/4/66
APPROVED MSC		

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260

DATE | SCALE NON | SHEET 5 OF

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499	M I T	
498		

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854	JJ		7/14/65	WW
H		REVISED PER TDRR 20892	JJ		8/26/65	WW
J		REVISED PER TDRR 20904	JJ		8/26	WW
K		REVISED PER TDRR 21379	JJ		9/24/65	WW
L		REVISED PER TDRR 21410	JJ		9/24/65	WW
M		REVISED PER TDRR 21993	JJ			
N		REVISED PER TDRR 22621	JJ		10/	
P		REVISED PER TDRR 22671	JJ		11/	
R		REVISED PER TDRR 22672	JJ		11/	
S		REVISED PER TDRR 22750	JJ		11/	
T		REVISED PER TDRR 22823	JJ		11/65	WW
U		REVISED PER TDRR 23072	JJ		11-15-65	WW
V		REVISED PER TDRR 23521	JJ		12-8-65	WW
W		REVISED PER TDRR 23624	RAJ		11-9-65	WW
Y		REVISED PER TDRR 24018	RAJ		11-16-65	WW
Z		REVISED PER TDRR 24040	RAJ		11-15-65	WW
(M) AA		REVISED PER TDRR 24060	RAJ		11-19-65	WW
(J) AB		REVISED PER TDRR 24858	RAJ		2-22-66	WW
(K) AC		REVISED PER TDRR 24973	RAJ		1-4-66	WW
AD		REVISED PER TDRR 25096	RAJ		1-18-66	WW
AE		REVISED PER TDRR 25672	RAJ		2-4-66	WW
(P) AF		REVISED PER TDRR 25671	RAJ		2-4-66	WW
AG		REVISED PER TDRR 26110	RAJ		2-15-66	WW
AH		REVISED PER TDRR 26372	"		3-16-66	WW
AJ		REVISED PER TDRR 26425	"		3-16-66	WW
AK		REVISED PER TDRR 26743	"		3-16-66	WW
(S) AL		REVISED PER TDRR 26738	"		3-16-66	WW
AM		REVISED PER TDRR 27168	"		4-7-66	WW
AN		REVISED PER TDRR 27235	"		4-7-66	WW
AP		REVISED PER TDRR 27345	"		4-7-66	WW
AR		REVISED PER TDRR 27417	"		4-7-66	WW
(N) AS		REVISED PER TDRR 27442	"		4-7-66	WW
(M) AT		REVISED PER TDRR 27719	"		4-22-66	WW
(W) AU		REVISED PER TDRR 27880	"		4-27-66	WW
(V) AV		REVISED PER TDRR 27896	"		4-20-66	WW
AW		28110	"		5-16-66	WW
AY		28173	"		"	WW
AZ		28131	"		"	WW
BA		28124	"		"	WW
BB		REVISED PER TDRR 28511	"		5-16-66	WW
(Z) BC		" " " 28943	"		5-24-66	WW
(Y) BD		" " " 29222	"		6-8-66	WW
BE		" " " 29235	"		"	WW
BF		" " " 29322	"		6-24-66	WW
BG		" " " 29429	"		"	WW
BH		" " " 29449	"		"	WW
BJ		" " " 29335	"		"	WW
BK		" " " 29619	"		"	WW
(R) BL		" " " 29696	"		6-29-66	WW
BM		REVISION STATUS CHANGED	JSD		7-29-66	
BN		REVISION STATUS CHANGED	JJ	RW	8-4-66	
BP		REVISION STATUS CHANGED	JJ	RW	8-11-66	
BR		REVISION STATUS CHANGED	JJ	RW	8-11-66	
BS		REVISION STATUS CHANGED	GW	RW	8-5-66	
(Q) BT		REVISION STATUS CHANGED	GW	RW	8-5-66	
(X) BU		REVISION STATUS CHANGED	EH	JJ	9-16-66	
BV		REVISION STATUS CHANGED	JJB	RW	7-29-66	
BW		REVISION STATUS CHANGED	JJB	RW	7-29-66	
BY		REVISION STATUS CHANGED	JJB	RW	10 OCT 66	
(L) BZ		REVISION STATUS CHANGED	JJB	RW	10 OCT 66	
(U) CA		REVISION STATUS CHANGED	JJB	WW	25 OCT 66	
CB		REVISION STATUS CHANGED	REF	WW	10 DEC 66	

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
401	M I T	COMPUTER ASSY		2003100																																											
400	M I T	LIFTING SLING - G&N INST. QUAL. FIX. & AZM. REF. FIX.		1021640																																											
				NAS-9-497			A	I	NOTE 11 B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.675	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
				NAS-9-4066			B	II	NOTE 11 C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.093	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.880	.070	.275	.180	1.844

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

AS APPLICABLE | NEXT ASSY | USED ON | APPLICATION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ± .005 ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN 7-16-65
CHECKED
APPROVED
APPROVED MIT
APPROVED MSC
DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230
SIZE E
DRAWING NO. 1004260
SCALE NONE
SHEET 5 OF 7

NOTICE - THIS DRAWING OR SPECIFICATION, OR OTHER DATA PROVIDED HEREWITH OR INCORPORATED BY REFERENCE, CONTAINS INFORMATION WHICH AFFECTS THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE LAWS, TITLE 18, U.S.C., SECTIONS 793 AND 794, THE TRANSMISSION OR REVELATION OF WHICH IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. IT IS UNLAWFUL TO EXPORT THIS INFORMATION TO FOREIGN COUNTRIES, OR TO SELL OR MANUFACTURE IT ABROAD, UNLESS SPECIFICALLY AUTHORIZED BY THE DEPARTMENT OF STATE, INTERNATIONAL TRAFFIC IN ARMS REGULATIONS, OR BY THE DEPARTMENT OF DEFENSE, DEFENSE INDUSTRIAL SECURITY REGULATION.

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854	MJ		7/14/65	WK
H		REVISED PER TDRR 20892	MJ		8/16/65	WK
J		REVISED PER TDRR 20904	MJ		8/26/65	WK
K		REVISED PER TDRR 21379	MJ		9/16/65	WK
L		REVISED PER TDRR 21410	MJ		9/24/65	WK
M		REVISED PER TDRR 21993	RB		10/	
N		REVISED PER TDRR 22621	RL		10/	
P		REVISED PER TDRR 22671	RL		10/	
R		REVISED PER TDRR 22672	MJ		10/	
S		REVISED PER TDRR 22750	RL		10/	
T		REVISED PER TDRR 22823	MJ		10/	WK
U		REVISED PER TDRR 23072	MJ		10-11-65	WK
V		REVISED PER TDRR 23521	RB		10-26-65	WK
W		REVISED PER TDRR 23824	RAJ		11-9-65	WK
Y		REVISED PER TDRR 24018	RAJ		11-16-65	WK
Z		REVISED PER TDRR 24040	RAJ		11-16-65	WK
(30) AA		REVISED PER TDRR 24060	RAJ		11-19-65	WK
(31) AB		REVISED PER TDRR 24868	RAJ		12-22-65	WK
(32) AC		REVISED PER TDRR 24973	RAJ		1-4-66	WK
AD		REVISED PER TDRR 25065	RAJ		1-18-66	WK
AE		REVISED PER TDRR 25672	RAJ		2-4-66	WK
(33) AF		REVISED PER TDRR 25671	RAJ		2-4-66	WK
AG		REVISED PER TDRR 26110	RAJ		2-15-66	WK
AH		REVISED PER TDRR 26372	"		3-16-66	WK
AJ		REVISED PER TDRR 26425	"		3-16-66	WK
AK		REVISED PER TDRR 26743	"		3-16-66	WK
(34) AL		REVISED PER TDRR 26798	"		3-16-66	WK
AM		REVISED PER TDRR 27168	"		4-7-66	WK
AN		REVISED PER TDRR 27235	"		4-7-66	WK
AP		REVISED PER TDRR 27345	"		4-7-66	WK
AR		REVISED PER TDRR 27417	"		4-7-66	WK
(35) AS		REVISED PER TDRR 27442	"		4-7-66	WK
(36) AT		REVISED PER TDRR 27719	"		4-20-66	WK
(37) AU		REVISED PER TDRR 27880	"		4-20-66	WK
(38) AV		REVISED PER TDRR 27896	"		4-20-66	WK
AW		" " 28110	"		5-16-66	WK
AY		" " 28173	"		"	WK
AZ		" " 28131	"		"	WK
BA		" " 28124	"		"	WK
BB		REVISED PER TDRR 28511	"		5-16-66	WK
(39) BC		" " 28949	"		5-24-66	WK
(40) BD		" " 29222	"		6-8-66	WK
BE		" " 29235	"		"	WK
BF		" " 29322	"		6-24-66	WK
BG		" " 29429	"		"	WK
BH		" " 29449	"		"	WK
BJ		" " 29335	"		"	WK
BK		" " 29619	"		"	WK
(41) BL		" " 29696	"		6-29-66	WK
BM		REVISION STATUS CHANGED	JSD		7-29-66	
BN		REVISION STATUS CHANGED	JE	RW	8-19-66	
BP		REVISION STATUS CHANGED	JE	RW	9-19-66	
BR		REVISION STATUS CHANGED	JE	RW	9-19-66	
BS		REVISION STATUS CHANGED	GW	RW	9-26-66	
(42) BT		REVISION STATUS CHANGED	GW	RW	9-26-66	
(43) BU		REVISION STATUS CHANGED	EH	JE	9-26-66	
BV		REVISION STATUS CHANGED	WJB	RW	10-7-66	
BW		REVISION STATUS CHANGED	WJB	RW	10-7-66	
BY		REVISION STATUS CHANGED	WJB	RW	10 OCT 66	
(44) BZ		REVISION STATUS CHANGED	WJB	RW	10 OCT 66	
(45) CA		REVISION STATUS CHANGED	WJB	WJB	25 OCT 66	
(46) CB		REVISION STATUS CHANGED	REF	WJB	17 JAN 67	
CC		REVISION STATUS CHANGED	AF	WJB	13 JAN 67	

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
401	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11	B2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
400	MIT	LIFTING SLING-G&N INST. QUAL. FIX. & AZM. REF. FIX.		1021640		NAS-9-4065	B	II	NOTE 11	C2.000	1.312	1.687	1.375	.078	.048	.078	.093	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	J10	1.830	.070	.275	.180	1.844

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

THIS SHEET ADDED
(6) REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO

LIST OF MATERIALS

AS APPLICABLE

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ± .005 ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	R.A. Jones	7-16-65
CHECKED	A.L. Crump	7-22-65
APPROVED		
APPROVED	W.J. Hughes	7/26/65
APPROVED MIT	W.J. Hughes	10/6/66
APPROVED MSC	[illegible]	1/24/67

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260

DATE | SCALE NONE | SHEET 5 OF 5

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
401	M I T	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11 B2	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
-00	M I T	LIFTING SLING-GEN INST QUAL, FIX & AZM REF. FIX.		1021640		NAS-9-4066	B	II	NOTE 11 C2	2.000	1.312	1.687	1.375	.078	.048	.078	.093	DIA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	J10	1.830	.070	.275	.180	1.844

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO
			LIST OF MATERIALS	

MASTER

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854			7-14-65	WK
H		REVISED PER TDRR 20898			8-16-65	WK
J		REVISED PER TDRR 20904			9-9-65	WK
K		REVISED PER TDRR 21379			9-16-65	WK
L		REVISED PER TDRR 21410			9-16-65	WK
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621			10/	
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672			11/	
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823			12/	WK
U		REVISED PER TDRR 23072			1-14-66	WK
V		REVISED PER TDRR 23561			10-26-65	WK
W		REVISED PER TDRR 23824	RAJ		11-9-65	WK
Y		REVISED PER TDRR 24018	RAJ		11-16-65	WK
Z		REVISED PER TDRR 24040	RAJ		11-15-65	WK
AA		REVISED PER TDRR 24060	RAJ		11-19-65	WK
AB		REVISED PER TDRR 24868	RAJ		2-22-66	WK
AC		REVISED PER TDRR 24973	RAJ		1-4-66	WK
AD		REVISED PER TDRR 25065	RAJ		1-18-66	WK
AE		REVISED PER TDRR 25672	RAJ		2-4-66	WK
AF		REVISED PER TDRR 25671	RAJ		2-4-66	WK
AG		REVISED PER TDRR 26110	RAJ		2-15-66	WK
AH		REVISED PER TDRR 26372	"		3-16-66	WK
AJ		REVISED PER TDRR 26425	"		3-16-66	WK
AK		REVISED PER TDRR 26743	"		3-16-66	WK
AL		REVISED PER TDRR 26738	"		3-16-66	WK
AM		REVISED PER TDRR 27168	"		4-7-66	WK
AN		REVISED PER TDRR 27235	"		4-7-66	WK
AP		REVISED PER TDRR 27345	"		4-7-66	WK
AR		REVISED PER TDRR 27417	"		4-7-66	WK
AS		REVISED PER TDRR 27442	"		4-7-66	WK
AT		REVISED PER TDRR 27719	"		4-20-66	WK
AU		REVISED PER TDRR 27880	"		4-20-66	WK
AV		REVISED PER TDRR 27896	"		4-20-66	WK
AW		" " 28110	"		5-16-66	WK
AY		" " 28173	"		"	WK
AZ		" " 28131	"		"	WK
BA		" " 28124	"		"	WK
BB		REVISED PER TDRR 28511	"		5-16-66	WK
BC		" " " 28949	"		5-24-66	WK
BD		" " " 29222	"		6-8-66	WK
BE		" " " 29235	"		"	WK
BF		" " " 29322	"		6-24-66	WK
BG		" " " 29429	"		"	WK
BH		" " " 29449	"		"	WK
BJ		" " " 29335	"		"	WK
BK		" " " 29619	"		"	WK
BL		" " " 29696	"		8-25-66	WK
BM		REVISION STATUS CHANGED	JSD		7-29-66	
BN		REVISION STATUS CHANGED	JE	RW	8-8-66	
BP		REVISION STATUS CHANGED	JE	RW	9-7-66	
BR		REVISION STATUS CHANGED	JE	RW	9-30-66	
BS		REVISION STATUS CHANGED	GW	RW	10-5-66	
BT		REVISION STATUS CHANGED	GW	RW	10-5-66	
BU		REVISION STATUS CHANGED	EH	JE	9-30-66	
BV		REVISION STATUS CHANGED	JJB	RW	10-7-66	
BW		REVISION STATUS CHANGED	JJB	RW	10-7-66	
BY		REVISION STATUS CHANGED	JJB	RW	10 OCT 66	
BZ		REVISION STATUS CHANGED	JJB	RW	10 OCT 66	
CA		REVISION STATUS CHANGED	JJB	RW	25 OCT 66	
CB		REVISION STATUS CHANGED	REF	RW	19 DEC 66	
CC		REVISION STATUS CHANGED	AF	RW	3 JAN 67	
CD		REVISION STATUS CHANGED	DR	RW	6 FEB 67	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ± .005 ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	A. G. Jones	7-16-65
CHECKED	[illegible]	7-20-65
APPROVED		
APPROVED	W. Hyatt	7-16-65
APPROVED MIT	W. Hyatt	7/16/65
APPROVED MSC	[illegible]	7/14/65

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260

DATE | SCALE NONE | SHEET 5 OF 6

REVISIONS		
LTR	ECR	DESCRIPTION
G		REPLACES REV F WITH CHANGE PER TDRR 20894
H		REVISED PER TDRR [illegible]
J		REVISED PER TDRR 20904
K		REVISED PER TDRR 21378
L		REVISED PER TDRR 21410
M		REVISED PER TDRR 21983
N		REVISED PER TDRR 22621
P		REVISED PER TDRR 22671
R		REVISED PER TDRR 22672
S		REVISED PER TDRR 22750
T		REVISED PER TDRR 22823
U		REVISED PER TDRR 23012
V		REVISED PER TDRR [illegible]
W		REVISED PER TDRR [illegible]
Y		REVISED PER TDRR 24018
Z		REVISED PER TDRR 24040
AA		REVISED PER TDRR 24060
AB		REVISED PER TDRR 24088
AC		REVISED PER TDRR 24123
AD		REVISED PER TDRR [illegible]
AE		REVISED PER TDRR 25614
AF		REVISED PER TDRR [illegible]
AG		REVISED PER TDRR 26118
AH		REVISED PER TDRR [illegible]
AJ		REVISED PER TDRR [illegible]
AK		REVISED PER TDRR [illegible]
AL		REVISED PER TDRR [illegible]
AM		REVISED PER TDRR 27168
AN		REVISED PER TDRR 27239
AP		REVISED PER TDRR 27345
AR		REVISED PER TDRR 27412
AS		REVISED PER TDRR 27442
AT		REVISED PER TDRR 27719
AU		REVISED PER TDRR 27880
AV		REVISED PER TDRR 27896
AW		28110
AY		28173
AZ		28131
BA		28126
BB		REVISED PER TDRR 28511
BC		28549
BD		29222
BE		29235
BF		29322
BG		29423
BH		29499
BJ		29539
BK		29613
BL		29698
BM		REVISION STATUS CHANGED
BN		REVISION STATUS CHANGED
BP		REVISION STATUS CHANGED
BR		REVISION STATUS CHANGED
BS		[illegible]
BT		REVISION STATUS CHANGED
BU		REVISION STATUS CHANGED
BV		REVISION STATUS CHANGED
BW		REVISION STATUS CHANGED
BY		REVISION STATUS CHANGED
BZ		REVISION STATUS CHANGED
CA		REVISION STATUS CHANGED
CC		REVISION STATUS CHANGED
CE		REVISION STATUS CHANGED
CD		REVISION STATUS CHANGED
CE		REVISION STATUS CHANGED

469 MIT
498

KEY NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
01	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE II B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
00	MIT	LIFTING SLING-G&N INST. QUAL. FIX. & AZM REF. FIX.		1021640		NAS-9-4066	B	II	NOTE II C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.296 REF	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.830	.070	.275	.180	1.944

THIS SHEET ADDED

REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION
			LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ± .005 ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE II

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN 4-6-65
CHECKED 4-6-65
APPROVED 4/6/65
APPROVED 4/6/65
APPROVED MIT 4/6/65
APPROVED NASC DATE

NAMEPLATES
APOLLO G&N-GSE
(STANDARDS)

CODE IDENT NO. 80230
SIZE E
DRAWING NO. 1004260
SCALE NONE
SHEET 5 OF 6

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
40	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11	2.000	.312	1.906	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
50	MIT	LIFTING SLING-G&N INST. QUAL. FIX. & AZM. REF. FIX.		1021640		NAS-9-4065	B	II	NOTE 11	2.000	.312	1.687	1.375	.078	.048	.078	.093	.093 DIA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.210	1.850	.070	.275	.180	1.324

THIS SHEET ADDED

© REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

REVISIONS 02748						
DASH	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854	"		7/66	
H		REVISED PER TDRR 20898	"		7/66	
J		REVISED PER TDRR 20904	"		7/66	
K		REVISED PER TDRR 21379	"		8/66	
L		REVISED PER TDRR 21410	"		8/66	
M		REVISED PER TDRR 21993	"			
N		REVISED PER TDRR 22621	"			
P		REVISED PER TDRR 22671	"			
R		REVISED PER TDRR 22672	"			
S		REVISED PER TDRR 22750	"			
T		REVISED PER TDRR 22823	"			
U		REVISED PER TDRR 23072	"			
V		REVISED PER TDRR 23521	"			
W		REVISED PER TDRR 23624	RAJ		11-9-66	
Y		REVISED PER TDRR 24018	RAJ		11-9-66	
Z		REVISED PER TDRR 24040	RAJ		11-9-66	
AA		REVISED PER TDRR 24060	RAJ		11-9-66	
AB		REVISED PER TDRR 24868	RAJ		12-2-66	
AC		REVISED PER TDRR 24973	RAJ		11-4-66	
AD		REVISED PER TDRR 25065	RAJ		11-10-66	
AE		REVISED PER TDRR 25672	RAJ		2-1-66	
AF		REVISED PER TDRR 25871	RAJ		2-14-66	
AG		REVISED PER TDRR 26110	RAJ		2-16-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-7-66	
AN		REVISED PER TDRR 27235	"		4-7-66	
AP		REVISED PER TDRR 27345	"		4-7-66	
AR		REVISED PER TDRR 27417	"		4-7-66	
AS		REVISED PER TDRR 27442	"		4-7-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27880	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-20-66	
AW		28110	"		5-16-66	
AY		28173	"			
AZ		28131	"			
BA		28124	"			
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	
BD		" " " 29022	"		6-8-66	
BE		" " " 29235	"		-	
BF		" " " 29322	"		6-24-66	
BG		" " " 29429	"		-	
BH		" " " 29449	"		-	
BJ		" " " 29335	"		-	
BK		" " " 29619	"		-	
BL		" " " 29696	"		6-29-66	
BM		REVISION STATUS CHANGED	JSE		7-29-66	
BN		REVISION STATUS CHANGED	JSE		8-4-66	
BP		REVISION STATUS CHANGED	JSE		8-8-66	
BR		REVISION STATUS CHANGED	JSE		8-11-66	
BS		REVISION STATUS CHANGED	BW		8-11-66	
BT		REVISION STATUS CHANGED	BW		8-18-66	
BU		REVISION STATUS CHANGED	EH		8-19-66	
BV		REVISION STATUS CHANGED	JJB		8-19-66	
BW		REVISION STATUS CHANGED	JJB		9-19-66	
BY		REVISION STATUS CHANGED	JJB		10 OCT 66	
BZ		REVISION STATUS CHANGED	JJB		10 OCT 66	
CA		REVISION STATUS CHANGED	JJB		25 OCT 66	
CB		REVISION STATUS CHANGED	REF		7 DEC 66	
CC		REVISION STATUS CHANGED	AF		19 DEC 66	
CD		REVISION STATUS CHANGED	DR		19 DEC 66	
CE		REVISION STATUS CHANGED	EARTH		19 APR 67	
CF		REVISION STATUS CHANGED	EARTH		19 APR 67	

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	REV

LIST OF MATERIALS

AS APPLICABLE

NEXT ASSY | USED ON

APPLICATION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μF
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

DRAWN	A. A. Jones	7-16-66
CHECKED	[illegible]	[illegible]
APPROVED		
APPROVED	W. Hopkins	8/16/66
APPROVED MIT	W. Hopkins	11/16/66
APPROVED MSC	[illegible]	11/16/66

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260

DATE | SCALE NONE | SHEET 5 OF

-99	MIT
-98	

REVISIONS					
SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
G	-	REPLACES REV F WITH CHANGE PER TDRR 20854				
H		REVISED PER TDRR 20898				
J		REVISED PER TDRR 20904				
K		REVISED PER TDRR 21378				
L		REVISED PER TDRR 21410				
M		REVISED PER TDRR 21983				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 23023				
U		REVISED PER TDRR 23072				
V		REVISED PER TDRR 23561				
W		REVISED PER TDRR 23628				
Y		REVISED PER TDRR 24018				
Z		REVISED PER TDRR 24040				
AA		REVISED PER TDRR 24060				
AB		REVISED PER TDRR 24868				
AC		REVISED PER TDRR 24973				
AD		REVISED PER TDRR 25065				
AE		REVISED PER TDRR 25672				
AF		REVISED PER TDRR 25971				
AG		REVISED PER TDRR 26110				
AH		REVISED PER TDRR 26372				
AJ		REVISED PER TDRR 26425				
AK		REVISED PER TDRR 26743				
AL		REVISED PER TDRR 26788				
AM		REVISED PER TDRR 27168				
AN		REVISED PER TDRR 27235				
AP		REVISED PER TDRR 27345				
AR		REVISED PER TDRR 27417				
AS		REVISED PER TDRR 27442				
AT		REVISED PER TDRR 27719				
AU		REVISED PER TDRR 27880				
AV		REVISED PER TDRR 27896				
AW		28110				
AY		28173				
AZ		28131				
BA		28124				
BB		REVISED PER TDRR 28511				
BC		" " " 28949				
BD		" " " 29222				
BE		" " " 29235				
BF		" " " 29322				
BG		" " " 29429				
BH		" " " 29439				
BJ		" " " 29335				
BK		" " " 29619				
BL		" " " 29696				
BM		REVISION STATUS CHANGED				
BN		REVISION STATUS CHANGED				
BP		REVISION STATUS CHANGED				
BR		REVISION STATUS CHANGED				
BS		REVISION STATUS CHANGED				
BT		REVISION STATUS CHANGED				
BU		REVISION STATUS CHANGED				
BV		REVISION STATUS CHANGED				
BW		REVISION STATUS CHANGED				
BY		REVISION STATUS CHANGED				
BZ		REVISION STATUS CHANGED				
CA		REVISION STATUS CHANGED				
CC		REVISION STATUS CHANGED				
CD		REVISION STATUS CHANGED				
CE		REVISION STATUS CHANGED				
CG		REVISION STATUS CHANGED				

QTY REQD	P/C	PART NAME	REMARKS	PART NO.	SER. NO.	CONT. VC.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
40	MIT	COMPUTER ASSY		2003100																																										
400	MIT	LIFTING SLING - (4) INST. QUAL. F.X. (AZM REF. FIX.		1021640			A	I	NAS-9-497 NOTE 11	C	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	.375	.218	NA	NA	.038	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
							B	II	NAS-9-4066 NOTE 11	C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	.375	.218	1.156	1.843	.038	NA	.875	.305	.078	.312	1.647	.10	1.830	.070	.75	.190	1-14

NOTES FOR TABLE
STYLE A IS FOR G⊕N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

THIS SHEET ADDED
(G) REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION
			LIST OF MATERIALS

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± DECIMALS ± .005 ANGLES ± —
DO NOT SCALE THIS DRAWING
MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB CAMBRIDGE MASS.
MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN 7-16-68
CHECKED R.J.S. 7-16-68
APPROVED
APPROVED 7-16-68
APPROVED MIT 7-16-68
APPROVED NASA DATE

NAMEPLATES, APOLLO G⊕N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO 1004260
SCALE NONE | SHEET 1 OF 1

| | | |

DASH NO.	B/C	PART NAME	REMARKS	PART NO.	SER. NC.	CONT. IC.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
40	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11	B 2.000	1.312	.906	1.375	.078	.048	.078	.093	NA	NA	.25	.750	.593	.453	1.015	.062	.187	.078	.875	.718	.375	2.18	NA	NA	.048	.03	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
40C	MIT	LIFTING SLING - GN INST. DUAL F.X. & AZM REF. FIX.		1021640		NAS-9-065	B	II	NOTE 11	C 2.000	.312	.687	1.375	.078	.048	.078	.093		.93	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	2.81	1.156	.843	.048	NA	.875	.305	.078	2.2	1.947	.10	1.830	.070	.75	.180	

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

THIS SHEET ADDED
© REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION
			LIST OF MATERIALS

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± ±.005 ±
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN
CHECKED
APPROVED
APPROVED
APPROVED MIT
APPROVED MSC

NAMEPLATES, G&N - GSE (STANDARD)

CODE IDENT NO 80230 | SIZE E | DRAWING NO 1004260

SCALE NONE | SHEET NO | REV

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
G		REPLACES REV F WITH CHANGE PER TDRR 20854				
H		REVISED PER TDRR 20892				
J		REVISED PER TDRR 20904				
K		REVISED PER TDRR 21379				
L		REVISED PER TDRR 21410				
M		REVISED PER TDRR 21993				
N		REVISED PER TDRR 22621				
P		REVISED PER TDRR 22671				
R		REVISED PER TDRR 22672				
S		REVISED PER TDRR 22750				
T		REVISED PER TDRR 22823				
U		REVISED PER TDRR 23572				
V		REVISED PER TDRR 23521				
W		REVISED PER TDRR 23624	RAJ			
Y		REVISED PER TDRR 24018	RAJ			
Z		REVISED PER TDRR 24090	RAJ			
AA		REVISED PER TDRR 24060	RAJ			
AB		REVISED PER TDRR 24868	RAJ			
AC		REVISED PER TDRR 24973	RAJ			
AD		REVISED PER TDRR 25065	RAJ			
AE		REVISED PER TDRR 25672	RAJ			
AF		REVISED PER TDRR 25571	RAJ			
AG		REVISED PER TDRR 26110	RAJ			
AH		REVISED PER TDRR 26372	"			
AJ		REVISED PER TDRR 26425	"			
AK		REVISED PER TDRR 26743	"			
AL		REVISED PER TDRR 26798	"			
AM		REVISED PER TDRR 27168	"			
AN		REVISED PER TDRR 27235	"			
AP		REVISED PER TDRR 27345	"			
AR		REVISED PER TDRR 27417	"			
AS		REVISED PER TDRR 27442	"			
AT		REVISED PER TDRR 27719	"			
AU		REVISED PER TDRR 27880	"			
AV		REVISED PER TDRR 27896	"			
AW		28110	"			
AY		28173	"			
AZ		28131	"			
BA		28124	"			
BB		REVISED PER TDRR 28511	"			
BC		" " " 28949	"			
BD		" " " 29222	"			
BE		" " " 29235	"			
BF		" " " 29322	"			
BG		" " " 29429	"			
BH		" " " 29449	"			
BJ		" " " 29435	"			
BK		" " " 29619	"			
BL		" " " 29696	"			
BM		REVISION STATUS CHANGED	JSD			
BN		REVISION STATUS CHANGED	JJ			
BP		REVISION STATUS CHANGED	JJ			
BR		REVISION STATUS CHANGED	JJ			
BS		REVISION STATUS CHANGED	GW			
BT		REVISION STATUS CHANGED	GW			
BU		REVISION STATUS CHANGED	JJ			
BV		REVISION STATUS CHANGED	JJB			
BW		REVISION STATUS CHANGED	JJB			
BY		REVISION STATUS CHANGED	JJB			
BZ		REVISION STATUS CHANGED	JJB			
CA		REVISION STATUS CHANGED	JJB			
CB		REVISION STATUS CHANGED	REA			
CC		REVISION STATUS CHANGED	AF			
CD		REVISION STATUS CHANGED	DG			
CE		REVISION STATUS CHANGED	GW			
CF		REVISION STATUS CHANGED	GW			
CG		REVISION STATUS CHANGED	JJB			
CH		REVISION STATUS CHANGED	JJB			
CJ		REVISION STATUS CHANGED	JJB			
CK		REVISION STATUS CHANGED	DG			

ITEM NO.	P/C	PART NAME	REMARKS	PART NO.	SPEC NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
40		MIT COMPUTER ASSY		1003100																																										
90	C	MIT LIFTING SLING - (4 INST. QUAL. F.X. & AZM REF. FIX.		1021640																																										
					NAS 9-497	A	I	NOTE II	2.000	1.312	.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	.375	.218	1.1	NA	.038	.03	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
					NAS 9-1066	B	II	NOTE II	2.000	1.312	.687	1.375	.078	.048	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	.843	.593	NA	.875	.305	.79	1.9	1.9	.15	1.250	NA	.75	1-5	1-14			

THIS SHEET ADDED

© REPLACES REV F WITH CHANGE

MIT DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS A THOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

QTY REQD	PART OR IDENTIFYING NO	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN
CHECKED
APPROVED
APPROVED
APPROVED MIT
APPROVED MSC
DATE

NAMEPLATES,
APOLLO G&N-GSE
(STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | SHEET 1 OF 1

NOTICE - THIS DOCUMENT CONTAINS INFORMATION AS DEFINED IN THE INTERNATIONAL TRAFFIC IN ARMS REGULATIONS (ITAR) OF 1986 (22 CFR 120-130). ITS TRANSMITTAL OR DISCLOSURE TO A FOREIGN PERSON, OR ITS USE BY ANY PERSON OR FOR ANY PURPOSE OTHER THAN AS AUTHORIZED BY THE ITAR, MAY RESULT IN SEVERE CRIMINAL PENALTIES. IT MAY BE EXPORTED ONLY AS AUTHORIZED BY THE ITAR. DESTRUCTION NOTICE - FOR CLASSIFIED DOCUMENTS, FOLLOW THE PROCEDURES IN DOD 5220.22-M, NATIONAL INDUSTRIAL SECURITY PROGRAM OPERATING MANUAL. FOR UNCLASSIFIED, LIMITED DOCUMENTS, DESTROY BY ANY METHOD THAT WILL PREVENT DISCLOSURE OF CONTENTS OR RECONSTRUCTION OF THE DOCUMENT.

REVISIONS						02768
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
AG		CHANGED NUMBER OF SHEETS FROM 5 TO 6 PER TDRR 26110.	RAJ		2 FEB 66	
AH		REVISED PER TDRR 26372	"		3 MAR 66	
AJ		REVISED PER TDRR 26425	"		3 MAR 66	
AK		REVISED PER TDRR 26743	"		3 MAY 66	
AL		REVISED PER TDRR 26798	"		3 MAY 66	
AM		REVISED PER TDRR 27168	"		4 JULY 66	
AN		REVISED PER TDRR 27235	"		4 JULY 66	
AP		REVISED PER TDRR 27345	"		4 AUG 66	
AR		REVISED PER TDRR 27417	"		4 SEP 66	
AS		REVISED PER TDRR 27442	"		4 SEP 66	

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER NO.	CONT NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
										4.125	1.812	3.250	NA	.125	.062	.12	.156	.125	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
508	A/C	NAVIGATION BASE ASSEMBLY - LEM		6899980		NAS9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.878	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
500	A/C	MOUNTING PLATE, COMPONENT		6900007-03		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																				
500	A/C	MOUNTING PLATE, COMPONENT		2900677-02																																									

A/C ELECTRONICS DASH NUMBERS

(A6) THIS SHEET ADDED

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

AS APPLICABLE

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

MIT
INSTRUMENTATION LAB
CAMBRIDGE, MASS.

DR-RH E. A. Jones 2-15-66
CHECKED R. L. Hamilton 2-15-66
APPROVED
APPROVED
APPROVED MIT
APPROVED MSC
DATE

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | SHEET 6 OF 6

NOTICE - THIS GOVERNMENT DRAWING IS CONSTRUCTED, OF STATE DATE AND PUBLISHED IN ACCORDANCE WITH THE PROVISIONS OF THE DEFENSE RELATED EMPLOYMENT (DEFENSE PRODUCTION ACT OF 1950, AS AMENDED, 50 U.S.C. APP. 2061 ET SEQ.) AND THE ATOMIC ENERGY ACT OF 1954, AS AMENDED, 42 U.S.C. 2011 ET SEQ. AND THE INVENTIONS BY GOVERNMENT EMPLOYEES ACT, 35 U.S.C. 266. THE RECIPIENT OF THIS DRAWING BY ACCEPTING IT AGREES THAT NEITHER IT NOR ANY REPRODUCTION OR PUBLICATION OF IT BY ANY PERSON OR ORGANIZATION WILL BE MADE AVAILABLE TO ANY PERSON OR ORGANIZATION OUTSIDE THE UNITED STATES OF AMERICA, AND THAT NO USE WILL BE MADE OF ANY INFORMATION CONTAINED IN IT EXCEPT FOR GOVERNMENT PURPOSES WITHOUT PRIOR WRITTEN PERMISSION OF THE ISSUING GOVERNMENT AGENCY. ANY PERSON OR ORGANIZATION WHICH DOES NOT AGREE TO THESE CONDITIONS SHALL RETURN THIS DRAWING WITHOUT READING IT AND DELETE ANY COPIES MADE BY HIM OR HER OR WHICH HE OR SHE HAS DISTRIBUTED TO OTHERS. ANY PERSON OR ORGANIZATION WHICH READS OR MAKES USE OF THE INFORMATION CONTAINED IN THIS DRAWING SHALL BE DEEMED TO HAVE AGREED TO THESE CONDITIONS AND RESTRICTIONS. ANY INFRINGEMENT SHALL BE MADE KNOWN WITHIN SIX DAYS OF DELIVERY TO THE RECIPIENT.

REVISIONS							0276B
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED	
AG		CHANGED NUMBER OF SHEETS FROM 5 TO 6 PER TDRP 29110.	RAJ		2-15-66		

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER NO.	CONT NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
599	AC																																													
598	AC																																													
500	AC																																													
501	AC																																													

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

(AG) THIS SHEET ADDED

A.C ELECTRONICS DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± —— DECIMALS ± .005 ANGLES ± ——
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.
DRAWN R.A. Jones 2-15-66
CHECKED [illegible] 2-15-66
APPROVED
APPROVED
APPROVED MIT
APPROVED MSC
DATE

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 6 OF 6

1004260 AG

SYM	ZONE	REVISIONS DESCRIPTION	BY	CHK	DATE	APPROVED
AG		CHANGED NUMBER OF SHEETS FROM 5 TO 6 PER TDRR 26110.	RAJ		2-15-66	
AH		REVISED PER TDRR 26372	"		3-15-66	
AJ		REVISED PER TDRR 26425	"		3-15-66	
AK		REVISED PER TDRR 26743	"		3-15-66	
AL		REVISED PER TDRR 26798	"		3-15-66	

02768

599	AC
598	AC

DASH NO.	PART NAME	REMARKS	PART NO.	SER NO.	CONT NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AM	AJ	AK	AL	AM	AN	AP	AR
SYM	AC																																												
SYM	A																																												

NOTES FOR TABLE

SYM A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

(AG) THIS SHEET ADDED

A.C. ELECTRONICS DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± —— ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	E. A. Ferguson	2-15-66
CHECKED	[illegible]	2-15-66
APPROVED		
APPROVED		
APPROVED MIT		
APPROVED MSC		DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO.	SIZE	DRAWING NO.
80230	E	1004260

SCALE NONE SHEET 6 OF 6

NOTICE - THIS DRAWING OR SPECIFICATION, OR OTHER DATA PREPARED IN CONNECTION WITH THE ABOVE CONTRACT, IS THE PROPERTY OF THE UNITED STATES GOVERNMENT. IT IS LOANED SUBJECT TO THE UNDERSTANDING THAT IT SHALL NOT BE DISCLOSED, OR REPRODUCED IN WHOLE OR IN PART, OR USED FOR MANUFACTURE FOR ANYONE OTHER THAN THE GOVERNMENT, WITHOUT THE PERMISSION OF THE GOVERNMENT CONTRACTING OFFICER, AND SHALL BE RETURNED TO HIM UPON REQUEST. ANY VIOLATION OF THIS NOTICE MAY RESULT IN PROSECUTION UNDER THE ESPIONAGE LAWS, TITLE 18, U.S.C., SECTIONS 793 AND 794.

SYM	ZONE	REVISIONS DESCRIPTION	DR	CHK	DATE	APPROVED
		J2768				
AG		CHANGED NUMBER OF SHEETS FROM 2 TO 6 PER TDRR 26110	RA		21 JUL 66	
AH		REVISED PER TDRR 26872	"		8 SEP 66	
AJ		REVISED PER TDRR 26425	"		15 SEP 66	
AK		REVISED PER TDRR 26743	"		29 SEP 66	
AL		REVISED PER TDRR 26798	"		4 OCT 66	
AM		REVISED PER TDRR 27168	"		22 NOV 66	
AN		REVISED PER TDRR 27235	"		29 NOV 66	
AP		REVISED PER TDRR 27345	"		19 DEC 66	
AR		REVISED PER TDRR 27417	"		3 JAN 67	
AS		REVISED PER TDRR 27442	"		10 JAN 67	
AT		REVISED PER TDRR 27719	"		6 MAR 67	
AU		REVISED PER TDRR 27880	"		4 APR 67	
AV		REVISED PER TDRR 27896	"		12 APR 67	

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER NO.	CONT NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
513	AC	COUPLER, BY-PASS		1021616 - 011		NAS-9-497	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	.188 .186	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.725	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
512	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007322 - 011			A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																					
511	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007322 - 021																																										
510																																														
509																																														
508	AC	NAVIGATION BASE ASSEMBLY - LEM		6899980		NAS-9-497	A	I	NOTE IIB	2.000	1.312	1.906	1.375	.678	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.506	.078	NA	.078	.531	.187	NA
507																																														
506																																														
505																																														
504																																														
503																																														
502																																														
501																																														
500	AC	MOUNTING PLATE, COMPONENT		2900677-02		NAS-9-497	B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
500	AC	MOUNTING PLATE, COMPONENT		6900007-03						4.125	1.812	3.250	NA	.125	.062	.12	.156	.109 .106	.125	1.625	1.140	.850	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

(AG) THIS SHEET ADDED

A.C. ELECTRONICS DASH NUMBERS

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS ± —— DECIMALS ±.005 ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL: SEE NOTE II

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN E. A. Jones 2-15-66
CHECKED [illegible] 2-15-66
APPROVED
APPROVED
APPROVED MIT
APPROVED MCC
DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | SHEET 6 OF 6

1004260 AV B

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REVISIONS						02768
SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
AG		CHANGED NUMBER OF SHEETS FROM 5 TO 6 PER TDRR 26110.	RAJ		2-15-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-7-66	
AN		REVISED PER TDRR 27235	"		4-7-66	
AP		REVISED PER TDRR 27345	"		4-7-66	
AR		REVISED PER TDRR 27417	"		4-7-66	
AS		REVISED PER TDRR 27442	"		4-7-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27890	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-20-66	
AW			28110	"		5-16-66
AY			28173	"		5-16-66
AZ			28131	"		5-16-66
BA			28124	"		5-16-66
BB		REVISED PER TDRR 28511	"		5-16-66	

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER NO.	CONT NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011		NAS-9-497	B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 504 VALUES BELOW																																							
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031		NAS-9-497	B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																							
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007013		NAS-9-497	A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																							
513		JUMPER, BY-PASS	(-141)	1021616-011			B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	.109 .104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
512		COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322-011			A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																							
511		COUPLING DATA UNIT ASSEMBLY - LEM	(-100)	2007322-021																																											
510		BATTERY POWER PACK	(-144)	1900011-041			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																							
509		JUNCTION BOX, P.S.A./G.S.E.	(-144)	1902195-021			B	II	NOTE IIC																																							
508		NAVIGATION BASE ASSEMBLY - LEM	(-101)	6899980			A	I	NOTE IIB	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
507		CSL, COOL. AND PWR, G AND N	(-144)	1902134-041			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																							
506		BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011-011																																										
505		MONITOR AND CONTROL, TEMP	(-141)	2900026-021																																										
504		P.B. SUB, GUIDANCE SYSTEM	(-141)	1900033-021						2.125	.968	1.718	NA	.093	.031	.06	.093	.109 .104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
503		CONTROL, GIMBAL POSITION	(-141)	2900036-021																																										
502		ADPT, TEST POINT, PTA/PEA,	(-141)	2900145-021																																										
501		MOUNTING PLATE, COMPONENT	(-144)	6900007-031		NAS-9-497	B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																							
500	AC	MOUNTING PLATE, COMPONENT	(-144)	2900677-021						4.125	1.812	3.250	NA	.125	.062	.12	.156	.344 .328	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875

(AG) THIS SHEET ADDED

A.C. ELECTRONICS DASH NUMBERS

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS				

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± — DECIMALS ±.005 ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 10

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	R. A. Jones	2-15-66
CHECKED	W. C. Mueller	4-15-66
APPROVED		
APPROVED		
APPROVED MIT	W. C. Mueller for D. C. HOTTEL	5-16-66
APPROVED MSC		DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO.	SIZE	DRAWING NO.
80230	E	1004260

SCALE NONE SHEET 6 OF 6

1004260 BB

NOTICE - THIS DOCUMENT CONTAINS INFORMATION OF OTHER DATA AND ITEMS SUBMITTED FROM PATENT APPLICATIONS, THE DISCLOSURE OF WHICH MAY BE PROHIBITED BY LAW. THIS DOCUMENT AND THE INFORMATION CONTAINED THEREIN, IN WHOLE OR IN PART, SHALL NOT BE PUBLISHED, REPRODUCED OR DISCLOSED TO ANYONE OUTSIDE THE RECEIVING ORGANIZATION WITHOUT THE PERMISSION OF THE ISSUING ORGANIZATION, EXCEPT TO THE EXTENT REQUIRED FOR USE BY THE GOVERNMENT. ANY PERSON VIOLATING THIS NOTICE MAY BE SUBJECT TO CIVIL AND CRIMINAL PENALTIES. ACCEPTANCE OF THIS DOCUMENT CONSTITUTES AGREEMENT TO THE FOREGOING RESTRICTIONS.

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
AG		CHANGED NUMBER OF SHEETS FROM 5 TO 6 PER TDRR 26110	RAJ		2-15-66	
AH		REVISED PER TDRR 26872	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26796	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-7-66	
AN		REVISED PER TDRR 27235	"		4-7-66	
AP		REVISED PER TDRR 27345	"		4-7-66	
AR		REVISED PER TDRR 27417	"		4-7-66	
AS		REVISED PER TDRR 27442	"		4-7-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27880	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-22-66	
AW		28110	"		5-16-66	
AY		28173	"		5-16-66	
AZ		28131	"		5-16-66	
BA		28124	"		5-16-66	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	

02768

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER NO.	CONT NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
599	AC																																														
598	AC																																														
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011		NAS-9-497	B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 504 VALUES BELOW																																								
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031		NAS-9-497	B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																								
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007018		NAS-9-497	A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																								
513		JUMPER, BY-PASS	(-141)	1021616			B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	.109/.104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
512		COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322-011			A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																								
511		COUPLING DATA UNIT ASSEMBLY-LEM	(-100)	2007322-021																																												
510		BATTERY POWER PACK	(-144)	1900011-041			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																								
509		JUNCTION BOX, PSA/GSE	(-144)	1902195-021			B	II	NOTE IIC																																								
508		NAVIGATION BASE ASSEMBLY - LEM	(-101)	6899980			A	I	NOTE IIB	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	NA	3.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.986	.078	NA	.078	.531	.187	NA
507		PSL, COOL. AND PWR, G AND N	(-144)	1902134-041			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																								
506		BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011-011																																												
505		MONITOR AND CONTROL, TEMP	(-141)	2900086-021																																											
504		PWR SUP, GUIDANCE SYSTEM	(-141)	1900033-021						2.125	.968	1.718	NA	.093	.031	.06	.093	.109/.104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
503		CONTROL, GIMBAL POSIT ON	(-141)	2900036-021																																											
502		ADPT, TEST POINT, PTA/PEA,	(-141)	2901145-021																																											
501		MOUNTING PLATE, COMPONENT	(-144)	6900007-031		NAS-9-497	B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																								
500	AC	MOUNTING PLATE, COMPONENT	(-144)	2900677-021						4.125	1.812	3.250	NA	.125	.062	.12	.156	.188 Max	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875

A.C ELECTRONICS DASH NUMBERS

(AG) THIS SHEET ADDED

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± —— ±.005 ± ——
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE H

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN 2-15-66
CHECKED 4-15-66
APPROVED
APPROVED
APPROVED MIT 5-16-66
APPROVED MSC DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 6 OF 6

CODE	A/C
598	AC

REVISIONS						02768
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
AG		CHANGED NUMBER OF SHEETS FROM 5 TO 6 PER TDRR 26110.	RAJ		2-15-66	
AH		REVISED PER TDRR 26372	"		3-15-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	F		4-7-66	
AN		REVISED PER TDRR 27235	"		4-7-66	
AP		REVISED PER TDRR 27345	"		4-7-66	
AR		REVISED PER TDRR 27417	"		4-7-66	
AS		REVISED PER TDRR 27442	"		4-7-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27880	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-20-66	
AW		28110	"		5-16-66	
AY		28173	"		5-16-66	
AZ		28131	"		5-16-66	
BA		28124	"		5-16-66	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER NO.	CONT NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
527	AC	FIX., MOUNTING, G AND N	(-144)	1902204-021		NAS 9-497	B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																							
526	AC	FIX., MOUNTING, G AND N	(-144)	2900067-031																																											
525	AC	PORTABLE TEMP. CONTROLLER		1900496-021		NAS 9-497	B	II	NOTE IIC	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718	1.187	.968	.749	1.452	.093	.295	.125	1.312	1.00	2.000	.250	1.687	2.750	.062	N/A	NA	.463	.125	.125	2.315	.140	2.562	.090	.468	.359	2.750
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011		NAS 9-497	B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 504 VALUES BELOW																																							
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031		NAS 9-497	B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																							
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007013		NAS 9-497	A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																							
513		JUMPER, BY-PASS	(-141)	1021616			B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	.109 .104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
512		COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322-011			A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																							
511		COUPLING DATA UNIT ASSEMBLY-LEM	(-100)	2007322-021																																											
510		BATTERY POWER PACK	(-144)	1900011-041			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																							
509		JUNCTION BOX, PSA/GSE	(-144)	1902195-021			B	II	NOTE IIC																																							
508		NAVIGATION BASE ASSEMBLY - LEM	✓ (-101)	6899980			A	I	NOTE IIB	2.000	1.312	1.905	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
507		PSL, COOL AND PWR, G AND N	(-144)	1902134-041			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																							
506		BREAKOUT BOX, CABLE ADAPTER	(-141)	2900011-011																																										
505		MONITOR AND CONTROL, TEMP	(-141)	2900026-021																																										
504		PWR SUP, GUIDANCE SYSTEM	✓ (-141)	1900033-021						2.125	.968	1.718	NA	.093	.031	.06	.093	.109 .104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
503		CONTROL, GIMBAL POSITION	(-141)	2900036-021																																										
502		ADPT, TEST POINT, PTA/PEA	(-141)	2900145-021																																										
501		MOUNTING PLATE, COMPONENT	(-144)	6900007-031																																									
500	AC	MOUNTING PLATE, COMPONENT	✓ (-144)	2900677-021		NAS 9-497	B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																							
										4.125	1.812	3.250	NA	.125	.062	.12	.156	.109 .104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.675	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875

(AG) THIS SHEET ADDED

A C ELECTRONICS DASH NUMBERS

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

MASTER

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS DECIMALS ANGLES ± ±.005 ± —
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE II

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

LIST OF MATERIALS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN R. A. Jones 2-15-66
CHECKED A. Hamilton 2-15-66
APPROVED
APPROVED
APPROVED MIT W. Widnall 5-16-66
APPROVED MSC
DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 6 OF 6

1004260 6

NOTICE - THIS DRAWING IS THE PROPERTY OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY, CAMBRIDGE, MASSACHUSETTS. IT IS LOANED SUBJECT TO RECALL AND IS NOT TO BE REPRODUCED, COPIED OR USED IN WHOLE OR IN PART FOR ANY PURPOSE EXCEPT THAT THE RECIPIENT MAY USE IT IN FURNISHING INFORMATION TO THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY IN CONNECTION WITH THE PERFORMANCE OF WORK UNDER CONTRACTS WITH THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY. NEITHER IT NOR ITS CONTENTS MAY BE LOANED OR GIVEN TO OTHERS OR DISCLOSED TO OTHERS FOR MANUFACTURING OR FOR ANY OTHER PURPOSE WITHOUT PRIOR PERMISSION IN WRITING FROM THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY.

SYM	ZONE	REVISIONS DESCRIPTION	DR	CHK	DATE	APPROVED
AG		CHANGED NUMBER OF SHEETS FROM 5 TO 6 PER TDRR 26110.	RAJ		2-15-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-7-66	
AN		REVISED PER TDRR 27235	"		4-7-66	
AP		REVISED PER TDRR 27345	"		4-7-66	
AR		REVISED PER TDRR 27417	"		4-7-66	
AS		REVISED PER TDRR 27442	"		4-7-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27880	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-20-66	
AW		" " " 28110	"		5-16-66	
AY		" " " 28173	"		5-16-66	
AZ		" " " 28131	"		5-16-66	
BA		" " " 28124	"		5-16-66	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"			
BF		" " " 29322	"		6-24-66	
BG		" " " 29429	"			
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		"	
BL		" " " 29696	"		8-29-66	

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER NO.	CONT NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
527	AC	FIX., MOUNTING, G AND N	(-144)	1902204-021	NAS 9-497		B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																							
526	AC	FIX., MOUNTING, G AND N	(-144)	2900067-031			B	II	NOTE IIC	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718	1.187	.968	.749	1.412	.093	.295	.090	1.312	1.00	2.000	.250	1.687	2.750	.062	N/A	N/A	.463	.125	.562	2.437	.140	2.562	.090	.468	.359	2.750
525	AC	PORTABLE TEMP. CONTROLLER		1900496-021																																											
524	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY C/M		2010743			A	I	NOTE IIB	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY - LEM		6010656																																										
522	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - LEM		2010744						FOR DIMENSIONS SEE DASH 508 VALUES BELOW																																							
521	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - C/M		2010744																																										
520	AC	PIPA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745			A	I	NOTE IIB																																						
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 504 VALUES BELOW																																							
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031						FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																							
517	AC	FIX., HAND., OPTICS INSTL.	(-141)	2901380-011				II	NOTE IIC	FOR DIMENSIONS, SEE DASH 502 VALUES BELOW																																							
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY-LEM		6010655	NAS 9-497					FOR DIMENSIONS SEE DASH 508 VALUES BELOW																																							
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007011	NAS 9-497		A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																							
513		LIMITER, BY-PASS	(-141)	1021616			B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	.100/.104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
512		COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322-011			A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																							
511		COUPLING DATA UNIT ASSEMBLY - LEM	(-100)	2007322-021																																											
510		BATTERY POWER PACK	(-144)	1900011-041			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																							
509		JUNCTION BOX, P.S.A/G.S.E.	(-144)	1902195-021			B	II	NOTE IIC																																							
508		NAVIGATION BASE ASSEMBLY - LEM	(-101)	6899980			A	I	NOTE IIB	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
507		FSL, COOLAND PWR, G AND N	(-144)	1902134-041			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																							
506		BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011-011																																											
505		MONITOR AND CONTROL, TEMP	(-141)	2900026-021						2.125	.968	1.718	NA	.093	.031	.06	.093	.100/.104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
504		PAR SUB, GUIDANCE SYSTEM	(-141)	1900033-021																																											
503		CONTROL, GIMBAL POSITION	(-141)	2900036-021																																										
502		ADPT, TEST POINT, PTA/PEA.	(-141)	2900145-021																																										
501		MOUNTING PLATE, COMPONENT	(-144)	6900007-031						FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																							
500	AC	MOUNTING PLATE, COMPONENT	(-144)	2900677-021	NAS 9-497		B	II	NOTE IIC	4.125	.812	3.250	NA	.125	.062	.12	.156	.406/.504	.125	1.625	1.140	.850	.640	1.390	.125	.171	.125	1.875	.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875

A.C. ELECTRONICS DASH NUMBERS

(AG) THIS SHEET ADDED

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

MASTER

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS				

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL SEE NOTE 11

AS APPLICABLE
NEXT ASSY USED ON
APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN	E. A. Grace	2-15-66
CHECKED		2-15-66
APPROVED		
APPROVED		
APPROVED MIT		5-11-66
APPROVED MSC		DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | SHEET 6 OF 6

ITEM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
AG		CHANGED NUMBER OF SHEETS FROM 5 TO 6 PER TDRR 26110.	RAJ		2-15-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27 58	"		4-7-66	
AN		REVISED PER TDRR 27235	"		4-7-66	
AP		REVISED PER TDRR 27345	"		4-7-66	
AR		REVISED PER TDRR 27417	"		4-7-66	
-S		REVISED PER TDRR 27442	"		4-7-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27886	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-25-66	
-W		28110	"		5-16-66	
AY		28173	"		5-16-66	
AZ		28131	"		5-16-66	
BA		28124	"		5-16-66	
BB		REVISED PER TDRR 28511	"		5-16-66	
--		" " " 28949	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		-	
BF		" " " 29322	"		6-24-66	
BG		" " " 29423	"		-	
BH		" " " 29449	"		-	
BJ		" " " 29335	"		"	
BK		" " " 29513	"		-	
BL		" " " 29696	"		6-29-66	
BM		REVISION STATUS CHANGED	JSD	N.S.	7-29-66	

02768

DASH NO.	B/C	PART NAME	REMARKS	PART NO.	SER NO.	CONT NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
527	AC	FIX., MOUNTING, G AND N	(-144)	1902204-021		NAS 9-497	B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																							
526	AC	FIX., MOUNTING, G AND N	(-144)	2900067-031			B	II	NOTE IIC	3.000	1.937	2.437	2.312	.125	.031	.25	.156	.125	.125	1.718	1.187	.968	.749	.452	.093	.395	.0 C	1.312	1.00	2.000	.250	1.687	2.750	.062	N/A	NA	.463	.125	.302	2.437	.140	2.562	.390	.468	.359	2.50
525	AC	PORTABLE TEMP. CONTROLLER		7900496-021			B	II	NOTE IIC	2.25	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA
524	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY C/M		2010743			A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY - LEM		6010656			A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
522	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - LEM		2010744			A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
521	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - C/M		2010744			A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
520	AC	PSA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745			A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
519	AC	FUTURE, HANDLING, LEM-PSA	(-141)	6900129-011			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 504 VALUES BELOW																																						
518	AC	JUNCTION BOX, GSE-PSA	(-144)	901933-031			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 506 VALUES BELOW																																						
517	AC	FIX., HAND., OPTICS INSTL.	(-141)	C-21380-011			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 502 VALUES BELOW																																						
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY-LEM		6010655		NAS 9-497	A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
515	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007018		NAS-9-497	A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
514		JUMPER, BY-PASS	(-141)	1021616			B	II	NOTE IIC	2.125	.968	.718	NA	.093	.031	.06	.093	.109	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
513		COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322-01			A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
512		COUPLING DATA UNIT ASSEMBLY - LEM	(-100)	2007322-021			A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
510		BATTERY POWER PACK	(-144)	1900111-041			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
509		JUNCTION BOX, PSA/GSE	(-144)	1902195-021			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
508		NAVIGATION BASE ASSEMBLY - LEM	✓ (-10.)	6859980			A	I	NOTE IIB	2.500	1.312	1.406	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.53	.187	NA
507		CSL, COOL, AND PWR, G AND N	(-144)	1902134-041			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
506		BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011-011																																									
505		MONITOR AND CONTROL, TEMP	(-141)	2900126-021																																								
504		PWR. SUP, GUIDANCE SYSTEM	✓ (-141)	9000133-021						2.125	.968	1.718	NA	.093	.031	.06	.093	.109	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
503		CONTROL, GIMBAL POSITION	(-141)	9000146-021																																								
502		ADPT, TEST POINT, PTA/PEA,	(-141)	9001145-021																																								
501		MOUNTING PLATE, COMPONENT	(-144)	2900067-03					NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
500	AC	MOUNTING PLATE, COMPONENT	✓ (-144)	2900067-02						4.125	1.812	3.250	NA	.125	.062	.12	.56	.156	.25	.625	1.140	.890	.640	1.390	.125	.171	.25	1.875	.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.656	NA	3.687	.093	.40	.25	3.875

A.C ELECTRONICS DASH NUMBERS

(AG) THIS SHEET ADDED.

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. CAPACITOR VALUES ARE IN μf. RESISTOR VALUES ARE IN OHMS. TOLERANCES ON FRACTIONS ±, DECIMALS ±.005, ANGLES ±—. DO NOT SCALE THIS DRAWING.

MATERIAL SEE NOTE 11

AS APPLICABLE

NEXT ASSY	USED ON
APPLICATION	

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN	R. Lyons	2-15-66
CHECKED		4-15-66
APPROVED		
APPROVED		
APPROVED MIT		4/15/66
APPROVED MSC		

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260

DATE | SCALE NONE | SHEET 6 OF 6

1004260 DM

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SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
AG		CHANGED NUMBER OF SHEETS FROM 5 TO 6 PER TDRR 26110	RAJ		2-15-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27068	"		4-7-66	
AN		REVISED PER TDRR 27235	"		4-7-66	
AP		REVISED PER TDRR 27345	"		4-7-66	
AR		REVISED PER TDRR 27417	"		4-7-66	
AS		REVISED PER TDRR 27442	"		4-7-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27880	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-22-66	
AW		28110	"		5-16-66	
AY		28173	"		5-16-66	
AZ		28131	"		5-16-66	
BA		28124	"		5-16-66	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29422	"		6-24-66	
BG		" " " 29429	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29613	"		"	
BL		" " " 29696	"		6-29-66	
BM		REVISION STATUS CHANGED	JSD	N.S.	7-29-66	
BN		REVISED PER TDRR 29974	"		8-15-66	

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER NO.	CONT NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
537	AC	TEST SELECTOR		2900028-031		NAS 9-457	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	.109 .104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
536	AC	ANALYZER, OPTICS-INERTIAL		2900023-041						4.125	1.812	3.250		.125	.062	.12	.156	.109 .104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
535	AC	CONT, TEMP, PORTABLE		2900060-021						2.125	.968	1.718		.093	.031	.06	.093	.109 .104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
533	AC	ADPT MODULE, P.S.A.		1902431-041						2.125	.968	1.718		.093	.031	.06	.093	.109 .104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
532	AC	TRAY BREAKOUT, 105 PIN		1900807-021						4.125	1.812	3.250		.125	.062	.12	.156	.109 .104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021						4.125	1.812	3.250		.125	.062	.12	.156	.109 .104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
530	AC	HEAT SINK-TRAY EXTENDER		1900808-021						2.125	.968	1.718		.093	.031	.06	.093	.109 .104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
529	AC	TESTER, FAILURE INDICATOR		1900809-021						2.125	.968	1.718	NA	.093	.031	.06	.093	.109 .104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
527	AC	FIX., MOUNTING, G AND N	(-144)	2900204-021						FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
526	AC	FIX., MOUNTING, G AND N	(-144)	2900067-031																																											
525	AC	PORTABLE TEMP. CONTROLLER		1900496-021			B	II	NOTE IIC	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718	1.187	.968	.749	1.452	.093	.295	.090	1.312	1.00	2.000	.250	1.687	2.750	.062	NA	NA	.463	.125	.562	2.437	.140	2.562	.090	.468	.359	2.750
524	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY C/M		20107-43			A	I	NOTE IIB	2.25	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY - LEM		60106-56						FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
522	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - LEM		20107-44																																										
521	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - C/M		20107-44																																										
520	AC	PIPA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		20107-45			A	I	NOTE IIB																																						
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 504 VALUES BELOW																																						
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 505 VALUES BELOW																																						
517	AC	FIX., HAND., OPTICS INSTL.	(-141)	2-21380-011			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 502 VALUES BELOW																																						
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY-LEM		60106-55		NAS 9-497	A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007013		NAS-9-497	A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
513		LOOPER, BY-PASS	(-141)	1021616			B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	.109 .104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
512		COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322-011			A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
511		COUPLING DATA UNIT ASSEMBLY - LEM	(-100)	2007322-021																																											
510		BATTERY POWER PACK	(-144)	6000111-041			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
509		JUNCTION BOX, P.S.A./G.S.E.	(-144)	1902795-021			B	II	NOTE IIC																																						
508		NAVIGATION BASE ASSEMBLY - LEM	✓ (-101)	6899980			A	I	NOTE IIB	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
507		PSL, COOL, AND PWR, G AND N	(-144)	1902134-041			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
506		BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011-011																																										
505		MONITOR AND CONTROL, TEMP.	(-141)	2900026-021																																										
504		PAR. SUB. GUIDANCE SYSTEM	✓ (-141)	900033-021						2.125	.968	1.718	NA	.093	.031	.06	.093	.109 .104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
503		CONTROL, GIMBAL POSITION	(-141)	2900036-021																																										
502		ADPT, TEST POINT, PTA/PEA.	(-141)	2900145-021																																										
501		MOUNTING PLATE, COMPONENT	(-144)	2900067-031						FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
500	AC	MOUNTING PLATE, COMPONENT	✓ (-144)	2900067-021		NAS 9-497			NOTE IIC	3.125	.812	3.250	NA	.125	.062	.12	.156	.109 .104	.125	.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875

(AG) THIS SHEET ADDED

A.C. ELECTRONICS DASH NUMBERS

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

MIT INSTRUMENTATION LAB CAMBRIDGE MASS	MANNED SPACECRAFT CENTER HOUSTON, TEXAS
DRAWN E. J. Grace 2-15-66	NAMEPLATES, APOLLO G&N-GSE (STANDARDS)
CHECKED Hal Chandler 4-15-66	
APPROVED	
APPROVED	
APPROVED MIT A.C. Eng. 5/16/66	CODE IDENT NO 80230 SIZE E DRAWING NO. 1004260
APPROVED MSC	DATE SCALE NONE SHEET 6 OF 6

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL SEE NOTE 11

A.C. APPLICABLE
NEXT ASSY USED ON
APPLICATION

599	AC
598	AC

| | | |

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
AG		CHANGED NUMBER OF SHEETS FROM 5 TO 6 PER TDRR 26110	RAJ		2 MAY 66	
AH		REVISED PER TDRR 26372	"		3-4-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-7-66	
AN		REVISED PER TDRR 27235	"		4-7-66	
AP		REVISED PER TDRR 27345	"		4-7-66	
AR		REVISED PER TDRR 27417	"		4-7-66	
AS		REVISED PER TDRR 27442	"		4-7-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27880	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-20-66	
AW		" " " 28110	"		5-16-66	
AY		" " " 28173	"		5-16-66	
AZ		" " " 28131	"		5-16-66	
BA		" " " 28124	"		5-16-66	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29122	"		6-24-66	
BG		" " " 29429	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		"	
BL		" " " 29696	"		6-29-66	
BM		REVISION STATUS CHANGED	JSD	N.S.	7-29-66	
BN		NOTES PER TDRR 29971	"		"	
BP		REVISION STATUS CHANGED	JL	KLW	22AUG	
BR		REVISION STATUS CHANGED	JL	KLW	8SEP66	

02768

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER NO.	CONT NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
537	AC	TEST SELECTOR		2900028-031		NAS9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	100 105	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
536	AC	ANALYZER, OPTICS - INERTIAL		2900023-041						4.125	1.812	3.250		.125	.062	.12	.156	100 105	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
535	AC	CONT, TEMP, PORTABLE		2900060-021						2.125	.968	1.718		.093	.031	.06	.093	100 105	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
533	AC	ADPT MODULE, P.S.A.		1902431-041						2.125	.968	1.718		.093	.031	.06	.093	100 105	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
532	AC	TRAY BREAKOUT, 105 PIN		1900807-091						4.125	1.812	3.250		.125	.062	.12	.156	100 105	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021						4.125	1.812	3.250		.125	.062	.12	.156	100 105	.125	1.625	1.140	.890	.640	1.390	.125	.171	.145	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
530	AC	HEAT SINK - TRAY EXTENDER		1900808-021						2.125	.968	1.718		.093	.031	.06	.093	100 105	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
529	AC	TESTER, FAILURE INDICATOR		1900809-021						2.125	.968	1.718	NA	.093	.031	.06	.093	100 105	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
527	AC	FIX., MOUNTING, 'G' AND 'N	(-144)	1902204-021						FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
526	AC	FIX., MOUNTING 'G' AND 'N	(-144)	2900067-031																																											
525	AC	PORTABLE TEMP. CONTROLLER		1900486-021			B	II	NOTE 11C	3.000	1.937	2.437	2.312	.125	.031	.25	.156	.125	.125	1.718	1.187	.968	.749	.452	.093	.295	.070	1.812	1.00	2.000	.750	1.687	.750	.062	NA	NA	.463	.125	.562	.437	.140	2.562	.090	.468	.359	2.750
524	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY C/M		2010743			A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.50	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.12	.16	NA
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY - LEM		6010656						FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
522	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - LEM		2010744																																											
521	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - C/M		2010744																																											
520	AC	PIPA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745			A	I	NOTE 11B																																						
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 504 VALUES BELOW																																						
518	AC	JUNCTION BOX, GSE-PSA	(-144)	901933-031			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 502 VALUES BELOW																																						
517	AC	FIX., HAND., OPTICS INSTL.	(-141)	2901380-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 502 VALUES BELOW																																						
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY - LEM		6010655		NAS 9-497	A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007013		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
513		JUMPER, BY-PASS	(-141)	1021616			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	100 105	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
512		COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322 - 011			A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
511		COUPLING DATA UNIT ASSEMBLY - LEM	(-100)	1007327 - 021																																											
510		BATTERY POWER PACK	(-144)	1900011 - 041			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
509		JUNCTION BOX, PSA/GSE.	(-144)	1902195 - 021			B	II	NOTE 11C																																						
508		NAVIGATION BASE ASSEMBLY - LEM	(-101)	6899980			A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.03	.875	.305	.078	.531	1.906	.078	NA	1.078	.23	.187	NA
507		CSL, COOL, AND PWR, G AND N	(-144)	1902134 - 041			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
506		BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011 - 011																																											
505		MONITOR AND CONTROL, TEMP	(-141)	2900026 - 021																																											
504		PWR SUP, GUIDANCE SYSTEM	(-141)	900033-021						2.125	.968	1.718	NA	.093	.031	.06	.093	100 105	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
503		CONTROL, GIMBAL POSITION	(-141)	2900045-021																																											
502		ADPT, TEST POINT, PTA/PEA,	(-141)	2900145-021																																											
501		MOUNTING PLATE, COMPONENT	(-144)	6900067-03																																										
500	AC	MOUNTING PLATE, COMPONENT	(-144)	6900067-02		9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	100 105	.25	.625	1.140	.890	.640	1.390	.125	.171	.25	1.675	.687	2.625	.250	.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875

A.C. ELECTRONICS DASH NUMBERS

(AG) THIS SHEET ADDED

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. CAPACITOR VALUES ARE IN μf. RESISTOR VALUES ARE IN OHMS. TOLERANCES ON FRACTIONS ±, DECIMALS ±.005, ANGLES ±—. DO NOT SCALE THIS DRAWING.

MATERIAL SEE NOTE 11

AC APPLICABLE NEXT ASSY | USED ON APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN R. Jones 2-15-66
CHECKED [illegible] 4-15-66
APPROVED
APPROVED

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

APPROVED MIT A.C. ELECTRONICS
APPROVED MSC
DATE

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | SHEET 6 OF 6

| | | |

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39	AC
38	AC

REVISIONS — 02768

BTH	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
AG		CHANGED NUMBER OF SHEETS FROM 5 TO 6 PER TDRR 26110.	RAJ		2 F 66	
AH		REVISED PER TDRR 26872	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27068	"		4-7-66	
AN		REVISED PER TDRR 27235	"		4-7-66	
AP		REVISED PER TDRR 27345	"		4-7-66	
AR		REVISED PER TDRR 27417	"		4-7-66	
AS		REVISED PER TDRR 27442	"		4-7-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27880	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-20-66	
AW		28110	"		5-16-66	
AY		28173	"		5-16-66	
AZ		28131	"		5-16-66	
BA		28124	"		5-16-66	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29322	"		6-24-66	
BG		" " " 29429	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		"	
BL		" " " 29696	"		6-29-66	
BM		[illegible]	[illegible]		[illegible]	
BN		REVISED PER TDRR 29974	RJL	RJW	8-24-66	
BP		REVISION STATUS CHANGED	RJL	RJW	8-24-66	
BR		REVISION STATUS CHANGED	RJL	RJW	8-24-66	
BS		REVISED PER TDRR 30530	GW	RJW	10-10-66	
BT		REVISED PER TDRR 30543	GW	RJW	10-10-66	

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER NO.	CONT NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
539	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-041		NAS9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
538	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-031			A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
537	AC	TEST SELECTOR		2900028-031			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
536	AC	ANALYZER, OPTICS - INERTIAL		2900023-041			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	100/104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
535	AC	CONT. TEMP. PORTABLE		2900060-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
534	AC	COMPUTER CONT & RETICLE DIMMER		6014518-021			A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
533	AC	ADPT MODULE, P.S.A.		1902431-041			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
532	AC	TRAY BREAKOUT, 105 PIN		1900807-021						4.125	1.812	3.250		.125	.062	.12	.156	100/104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021						4.125	1.812	3.250		.125	.062	.12	.156	100/104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
530	AC	HEAT SINK - TRAY EXTENDER		1900808-021						2.125	.968	1.718		.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
529	AC	TESTER, FAILURE INDICATOR		1900809-021						2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
527	AC	FIX, MOUNTING, G AND N	(-144)	1902804-021						FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
526	AC	FIX, MOUNTING, G AND N	(-144)	2900067-031																																									
525	AC	PORTABLE TEMP. CONTROLLER		1900496-021			B	II	NOTE 11C	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718	1.187	.968	.749	1.452	.093	.295	.090	1.312	1.00	2.000	.250	1.687	2.750	.062	NA	NA	.463	.125	.562	2.437	.140	2.562	.090	.468	.359	2.750
524	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY	C/M	2010743			A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY	LEM	6010656						FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
522	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY	- LEM	2010744																																									
521	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY	- C/M	2010744																																									
520	AC	PIPA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745			A		NOTE 11B																																				
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 504 VALUES BELOW																																						
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
517	AC	FIX, HAND., OPTICS INSTL.	(-141)	2021380-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 502 VALUES BELOW																																						
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY	LEM	6010655		NAS 9-497	A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
514	AC	SIGNAL COND. ASSY LEM OPER.		(-100)	6007018		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
513		JUMPER, BY-PASS		(-141)	1021616			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
512		COUPLING DATA UNIT ASSEMBLY	C/M	(-100)	2007322 - 011			A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
511		COUPLING DATA UNIT ASSEMBLY	- LEM	(-100)	2007322 - 021																																										
510		BATTERY POWER PACK		(-144)	1900011 - 041			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
509		JUNCTION BOX, P.S.A./G.S.E.		(-144)	1902195 - 021			B	II	NOTE 11C																																						
508		NAVIGATION BASE ASSEMBLY - LEM	✓	(-101)	6899980			A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
507		GSE, COOLANT PWR, G AND N		(-144)	1902134 - 041			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
506		BREAKOUT BOX, CABLE ADAPTER		(-141)	2901011 - 011																																										
505		MONITOR AND CONTROL, TEMP		(-141)	2900026 - 021																																										
504		PAR SUB, GUIDANCE SYSTEM	✓	(-141)	1900033 - 021					2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
503		CONTROL, GIMBAL POSITION		(-141)	2900036 - 021																																										
502		ADPT, TEST POINT, PTA/PEA,		(-141)	2900145 - 021																																										
501		MOUNTING PLATE, COMPONENT		(-144)	2900067-03		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
500	AC	MOUNTING PLATE, COMPONENT	✓	(-144)	2900677-02						4.125	1.812	3.250	NA	.125	.062	.12	.156	100/104	.25	.625	1.140	.890	.640	1.390	.125	.171	.25	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875

(AG) THIS SHEET ADDED

A C ELECTRONICS DASH NUMBERS

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS				

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± —— DECIMALS ± .005 ANGLES ± ——
DO NOT SCALE THIS DRAWING

MATERIAL SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE MASS

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN R. A. Jones 2-15-66
CHECKED [illegible] 4-15-66
APPROVED
APPROVED

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

APPROVED MIT [illegible] 5-16-66
APPROVED MSC
DATE

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | SHEET 6 OF 6

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REVISIONS							02768
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED	
AG		CHANGED NUMBER OF SHEETS FROM 5 TO 6 PER TDRR 26110.	RAJ		2-15-66		
AH		REVISED PER TDRR 26372	"		3-15-66		
AJ		REVISED PER TDRR 26425	"		3-16-66		
AK		REVISED PER TDRR 26743	"		3-16-66		
AL		REVISED PER TDRR 26796	"		3-16-66		
AM		REVISED PER TDRR 27058	"		4-7-66		
AN		REVISED PER TDRR 27235	"		4-7-66		
AP		REVISED PER TDRR 27345	"		4-7-66		
AR		REVISED PER TDRR 27417	"		4-7-66		
AS		REVISED PER TDRR 27442	"		4-7-66		
AT		REVISED PER TDRR 27719	"		4-20-66		
AU		REVISED PER TDRR 27880	"		4-20-66		
AV		REVISED PER TDRR 27896	"		4-26-66		
AW		28110	"		5-16-66		
AY		28173	"		5-16-66		
AZ		28131	"		5-16-66		
BA		28124	"		5-16-66		
BB		REVISED PER TDRR 28511	"		5-16-66		
BC		" " " 28949	"		5-24-66		
BD		" " " 29222	"		6-6-66		
BE		" " " 29235	"		"		
BF		" " " 29322	"		6-24-66		
BG		" " " 29429	"		"		
BH		" " " 29449	"		"		
BJ		" " " 29535	"		"		
BK		" " " 29619	"		"		
BL		29626	"		"		
BM		REVISION STATUS CHANGED	JSD	N.B.	7-29-66		
BN		REVISED PER TDRR 29974	JL	RLW	12-16-66		
BP		REVISION STATUS CHANGED	JL	RLW	12-16-66		
BR		REVISION STATUS CHANGED	JL	RLW	12-16-66		
BS		REVISED PER TDRR 30530	GW	RLW	12-26-66		
BT		REVISED PER TDRR 30543	GW	RLW	12-26-66		
BU		REVISED PER TDRR 30698	EH	JL	1-9-67		

DASH NO	P/C	PART NAME	REMARKS	PART NO.	SER NO.	CONT NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
543	AC	PANEL, MONITOR		2900031-041		NAS9-497	B	II	NOTE 11C																																						
542	AC	BATTERY PACK, LIFTING		2900812-021		NAS9-497	B	II	NOTE 11C																																							
540	AC	ADPT, TEST POINT, P.S.A.		2900037-031		NAS9-497	B	II	NOTE 11C																																							
539	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-041			A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
538	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-031			A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
537	AC	TEST SELECTOR		2900028-031			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
536	AC	ANALYZER, OPTICS - INERTIAL		2900023-041			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	100/104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
535	AC	CONT, TEMP, PORTABLE		2900060-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
534	AC	COMPUTER CONT & RETICLE DIMMER		6014518-021			A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
533	AC	ADPT MODULE, P.S.A.		1902431-041			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
533	AC	TRAY BREAKOUT, 105 PIN		1900807-021						4.125	1.812	3.250		.125	.062	.12	.156	100/104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021						4.125	1.812	3.250		.125	.062	.12	.156	100/104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
530	AC	HEAT SINK - TRAY EXTENDER		1900808-021						2.125	.968	1.718		.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
529	AC	TESTER, FAILURE INDICATOR		1900809-021						2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
527	AC	FIX, MOUNTING, G AND N	(-144)	1902204-021						FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
526	AC	FIX, MOUNTING, G AND N	(-144)	2900067-031						FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
525	AC	PORTABLE TEMP. CONTROLLER		1900496-021			B	II	NOTE 11C	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718	1.187	.968	.749	1.452	.093	.295	.090	1.312	1.00	2.000	.250	1.687	2.750	.062	NA	NA	.463	.125	.562	2.437	.140	2.562	.090	.468	.359	2.750
524	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY C/M		2010743			A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY - LEM		6010656						FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
522	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - LEM		2010744																																										
521	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - C/M		2010744			A	I	NOTE 11B																																						
520	AC	PIPA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745																																										
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 504 VALUES BELOW																																						
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
517	AC	FIX, HAND., OPTICS INSTL.	(-141)	2931380-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 502 VALUES BELOW																																						
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY-LEM		6010655		NAS9-497	A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007013		NAS9-497	A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
513		JUMPER, BY-PASS	(-141)	1021616			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
512		COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322 - 011			A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
511		COUPLING DATA UNIT ASSEMBLY - LEM	(-100)	2007322 - 021																																										
510		BATTERY POWER PACK	(-144)	2900111 - 041			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
509		JUNCTION BOX, P.S.A/G.S.E.	(-144)	1902195 - 021			B	II	NOTE 11C																																						
508		NAVIGATION BASE ASSEMBLY - LEM	(-101)	6899980			A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
507		CSL, COOL, AND PWR, G AND N	(-144)	1902134 - 041			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
506		BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011 - 011																																										
505		MONITOR AND CONTROL, TEMP	(-141)	2900026 - 021																																										
504		PAR SUB, GUIDANCE SYSTEM	(-141)	1900033 - 021						2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
503		CONTROL, GIMBAL POSITION	(-141)	2900036 - 021																																										
502		ADPT, TEST POINT, PTA/PEA,	(-141)	2900145 - 021																																										
501	1	MOUNTING PLATE, COMPONENT	(-144)	6900067 - 03		NAS9-497	B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
500	AC	MOUNTING PLATE, COMPONENT	(-144)	6900067 - 02						4.125	1.812	3.250	NA	.125	.062	.12	.156	100/104	.25	.625	1.140	.890	.640	1.390	.125	.171	.25	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

(AG) THIS SHEET ADDED

A.C. ELECTRONICS DASH NUMBERS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES CAPACITOR VALUES ARE IN μF RESISTOR VALUES ARE IN OHMS TOLERANCES ON FRACTIONS ± —, DECIMALS ± .005, ANGLES ± — DO NOT SCALE THIS DRAWING	MATERIAL SEE NOTE 11	AS APPLICABLE NEXT ASSY / USED ON APPLICATION

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN R.A. Jepsen 2-15-66
CHECKED Rob Alexander 2-15-66
APPROVED
APPROVED

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

APPROVED MIT Hal Worley & C of M
APPROVED MSC
DATE

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 6 OF 6

REVISIONS							02768
SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED	
AG		CHANGED NUMBER OF SHEETS FROM 5 TO 6 PER TDRR 26110	RAJ		2-25-66		
AH		REVISED PER TDRR 26372	"		3-16-66		
AJ		REVISED PER TDRR 26425	"		3-16-66		
AK		REVISED PER TDRR 26743	"		3-16-66		
AL		REVISED PER TDRR 26798	"		3-16-66		
AM		REVISED PER TDRR 27168	"		4-7-66		
AN		REVISED PER TDRR 27235	"		4-7-66		
AP		REVISED PER TDRR 27345	"		4-7-66		
AR		REVISED PER TDRR 27417	"		4-7-66		
AS		REVISED PER TDRR 27442	"		4-7-66		
AT		REVISED PER TDRR 27719	"		4-20-66		
AU		REVISED PER TDRR 27880	"		4-20-66		
AV		REVISED PER TDRR 27896	"		4-25-66		
AW		" " " 28110	"		5-16-66		
AY		" " " 26173	"		5-16-66		
AZ		" " " 28131	"		5-16-66		
BA		" " " 28124	"		5-16-66		
BB		REVISED PER TDRR 28511	"		5-16-66		
BC		" " " 28949	"		5-26-66		
BD		" " " 29222	"		6-8-66		
BE		" " " 29235	"		"		
BF		" " " 29322	"		6-20-66		
BG		" " " 29429	"		"		
BH		" " " 29449	"		"		
BJ		" " " 29535	"		"		
BK		" " " 29619	"		"		
BL		" " " 29696	"		6-29-66		
DW		REVISION STATUS CHANGED	JT	RJW	12-16-66		
BN		REVISED PER TDRR 29974	JT	RJW	12-16-66		
BP		REVISION STATUS CHANGED	JT	RJW	12-16-66		
BR		REVISION STATUS CHANGED	JT	RJW	12-16-66		
BS		REVISED PER TDRR 30530	GW	RJW	12-16-66		
BT		REVISED PER TDRR 30543	GW	AJP	12-16-66		
BU		REVISED PER TDRR 30898	EH	JT	1-25-67		
BV		REVISED PER TDRR 31241	WB	RJW	2-6-67		

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER NO.	CONT NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
599	AC																																														
598	AC																																															
541	AC	FIXTURE, MOUNTING, IMU		2100006-021		NAS 9-497	B	II	NOTE IIC	4.125	1.812	3.250	NA	.125	.062	.12	.156	.125	.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
548	AC	PANEL, MONITOR		2300091-041		NAS9-497	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
542	AC	BATTERY PACK, LIFTING		2300812-021		NAS9-497	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
540	AC	ADPT, TEST POINT, P.S.A.		2900037-031		NAS 9-497	A	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA
539	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		6021888-041		=	A	I	NOTE IIB	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
538	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021835-031		=	A	II	NOTE IIB	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
537	AC	TEST SELECTOR		2900078-081		=	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
536	AC	ANALYZER, OPTICS - INERTIAL		2900023-041		=	B	II	NOTE IIC	4.125	1.812	3.250	NA	.125	.062	.12	.156	.125	.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
535	AC	CONT. TEMP. PORTABLE		2900066-021		=	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
534	AC	COMPUTER CONT & RETICLE DIMMER		6014518-021		=	A	I	NOTE IIB	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
533	AC	ADPT MODULE, P.S.A.		1902431-041		=	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
532	AC	TRAY BREAKOUT, 105 PIN		1900887-021		=	A	I	NOTE IIB	4.125	1.812	3.250	.125	.062	.12	.156	.125	.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021		=	A	I	NOTE IIB	4.125	1.812	3.250	.125	.062	.12	.156	.125	.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
530	AC	HEAT SINK - TRAY EXTENDER		1900808-021		=	A	I	NOTE IIB	2.125	.968	1.718	.093	.031	.06	.093	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
529	AC	TEMP. FAILURE INDICATOR		1900809-021		=	A	I	NOTE IIB	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
527	AC	FIX, MOUNTING, G AND M	(-144)	1902264-021					FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																							
526	AC	FIX, MOUNTING, G AND N	(-144)	2900067-031			B	II	NOTE IIC	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718	1.187	.968	.749	1.452	.093	.295	.093	1.312	1.00	2.000	.250	1.687	2.750	.062	NA	NA	.463	.125	.562	2.437	.140	2.562	.090	.468	.359	2.750
525	AC	PORTABLE TEMP. CONTROLLER		1902496-021			A	I	NOTE IIB	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA
524	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY - C/M		2010748					FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																							
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY - LEM		6010656																																										
522	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - LEM		2010744																																										
521	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - C/M		2010744																																										
520	AC	TIPA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745																																										
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011																																										
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031																																									
517	AC	FIX, HAND., OPTICS INSTL.	(-141)	2901380-011																																									
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY - LEM		6010655		NAS 9-497	A	I	NOTE IIB																																					
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007013		NAS-9-497	A	I	NOTE IIB																																							
513		JUMPER, BY-PASS	(-141)	1021616			B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
512		COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322 - 011			A	I	NOTE IIB																																						
511		COUPLING DATA UNIT ASSEMBLY - LEM	(-100)	2007322 - 021					FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																							
510		BATTERY POWER PACK	(-144)	9000111 - 041			B	II	NOTE IIC																																							
509		JUNCTION BOX, P.S.A./G.S.E.	(-144)	1902195 - 021			B	II	NOTE IIC																																							
508		NAVIGATION BASE ASSEMBLY - LEM	(-101)	68995980			A	I	NOTE IIB	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
507		ESL, EDOL AND PWR, G AND N	(-144)	1902131 - 041			B	II	NOTE IIC																																						
505		BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011 - 011																																										
505		MONITOR AND CONTROL, TEMP	(-141)	2900026 - 021						2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
504		PWR SUP, GUIDANCE SYSTEM	(-141)	1900033 - 021																																										
503		CONTROL, GIMBAL POSITION	(-141)	2900036 - 021																																									
502		ADPT, TEST POINT, PTA/PEA,	(-141)	2900145 - 021																																									
501		MOUNTING PLATE, COMPONENT	(-144)	2900677 - 031		NAS 9-497	B	II	NOTE IIC																																						
500	AC	MOUNTING PLATE, COMPONENT	(-144)	2900677 - 021					FOR DIMENSIONS, SEE DASH 500 VALUES BELOW	4.125	1.812	3.250	NA	.125	.062	.12	.156	.125	.625	1.140	.890	.640	1.390	.125	.171	.25	1.875	.687	2.625	.250	.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875

NOTES FOR TABLE

STYEE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

(A6) THIS SHEET ADDED

A.C. ELECTRONICS DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. CAPACITOR VALUES ARE IN μf. RESISTOR VALUES ARE IN OHMS. TOLERANCES ON FRACTIONS ±, DECIMALS ANGLES ±.005 ±—. DO NOT SCALE THIS DRAWING

MATERIAL SEE NOTE 4

AS APPLICABLE. NEXT ASSY. USED ON. APPLICATION

MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

DRAWN R. Young 2-15-66
CHECKED [illegible] 4-15-66
APPROVED
APPROVED

APPROVED MIT [illegible] 5-16-66
APPROVED NSC DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 SIZE E DRAWING NO. 1004260

SCALE NONE SHEET 6 OF 6

SYM	ZONE	REVISIONS DESCRIPTION	BY	CHK	DATE	APPROVED
AG		CHANGED NUMBER OF SHEETS FROM 5 TO 6 PER TDRR 26110	RAJ		4-7-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26796	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-7-66	
AN		REVISED PER TDRR 27235	"		4-7-66	
AP		REVISED PER TDRR 27345	"		4-7-66	
AR		REVISED PER TDRR 27417	"		4-7-66	
AS		REVISED PER TDRR 27442	"		4-7-66	
AT		REVISED PER TDRR 27719	"		4-25-66	
AU		REVISED PER TDRR 27880	"		4-25-66	
AV		REVISED PER TDRR 27896	"		4-25-66	
AW		28110	"		5-16-66	
AY		28173	"		5-16-66	
AZ		28131	"		5-16-66	
BA		28124	"		5-16-66	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-26-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29322	"		6-28-66	
BG		" " " 29429	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		"	
BL		" " " 29696	"		6-28-66	
BM		REVISION STATUS CHANGED	JSD	N.S.	7-29-66	
BN		REVISED PER TDRR 29936	JL	RLW	12-14-66	
BP		REVISION STATUS CHANGED	JL	RLW	12-14-66	
BR		REVISION STATUS CHANGED	JL	RLW	12-14-66	
BS		REVISED PER TDRR 30530	GW	RLW	12-14-66	
BT		REVISED PER TDRR 30543	GW	RLW	12-14-66	
BU		REVISED PER TDRR 30898	EH	JL	1-31-67	
BV		REVISED PER TDRR 31241	WB	RLW	4-14-67	
BW		REVISION STATUS CHANGED	WB	RLW	4-14-67	

0276B

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER NO.	CONT NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
599	AC																																														
598	AC																																														
541	AC	FIXTURE, MOUNTING, IMU		2900000-021		NAS 9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	1.000	.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
543	AC	PANEL, MONITOR		2900031-041		NAS 9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	1.000	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.25	1.938
542	AC	BATTERY PACK, LIFTING		2900012-021		NAS 9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	1.000	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
540	AC	ADPT, TEST POINT, P.S.A.		2900037-031		NAS 9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	1.000	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
539	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021855-041			A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
538	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021855-051			A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
537	AC	TEST SELECTOR		2900028-031			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	1.000	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
536	AC	ANALYZER, OPTICS-INERTIAL		2900023-041			B	II	NOTE 11C	4.125	1.812	3.250	NA	.25	.062	.12	.156	1.000	.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
535	AC	CONT. TEMP. PORTABLE		2900060-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	1.000	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
534	AC	COMPUTER CONT & RETICLE DIMMER		6041512-021			A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
533	AC	ADPT MODULE, P.S.A.		1902143-041			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	1.000	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
532	AC	TRAY BREAKOUT, 105 PIN		1900807-021						4.125	1.812	3.250		.125	.062	.12	.156	1.000	.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021						4.125	1.812	3.250		.125	.062	.12	.156	1.000	.125	1.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
530	AC	HEAT SINK - TRAY EXTENDER		1900808-021						2.125	.968	1.718		.093	.031	.06	.093	1.000	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
529	AC	TESTER, FAILURE INDICATOR		1900809-021						2.125	.968	1.718	NA	.093	.031	.06	.093	1.000	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
527	AC	FIX., MOUNTING, 6 AND N	(-144)	1902204-021						FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
526	AC	FIX., MOUNTING 6 AND N	(-144)	2900067-031																																										
525	AC	PORTABLE TEMP. CONTROLLER		1900496-021			B	II	NOTE 11C	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718	1.187	.968	.749	.452	.093	.295	.0 C	1.812	1.00	2.000	.250	1.687	2.750	.062	NA	NA	.463	.125	.562	2.437	.140	2.562	.050	.468	.359	2.750
524	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY C/M		2010743			A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY - LEM		6010656						FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
522	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - LEM		2010744																																										
521	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - C/M		2010744																																										
520	AC	PDA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745			A	I	NOTE 11B																																						
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 504 VALUES BELOW																																						
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901833-031			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 507 VALUES BELOW																																						
517	AC	FIX, HAND., OPTICS INSTL.	(-141)	2931380-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 502 VALUES BELOW																																						
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY-LEM		6010655		NAS 9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW																																						
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007013		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
513		JUMPER, BY-PASS	(-141)	1021616			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	1.000	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
512		COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322 - 041			A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
511		COUPLING DATA UNIT ASSEMBLY - LEM	(-100)	2007322 - 021																																										
510		BATTERY POWER PACK	(-144)	6000111 - 041			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 500 VALUE BELOW																																						
509		JUNCTION BOX, P.S.A./G.S.E.	(-144)	1902195 - 021			B	II	NOTE 11C																																						
508		NAVIGATION BASE ASSEMBLY - LEM	(-101)	6899980			A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
507		CSL, COOL, AND PWR, G AND N	(-144)	1902134 - 041			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 500 VALUE BELOW																																						
506		BREAKOUT BOX, CABLE ADAPTER	(-141)	2900011 - 011																																										
505		MONITOR AND CONTROL, TEMP	(-141)	2900026 - 021																																										
504		PWR SUP, GUIDANCE SYSTEM	(-141)	1900033 - 021						2.125	.968	1.718	NA	.093	.031	.06	.093	1.000	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
503		CONTROL, GIMBAL POSITION	(-141)	2900036 - 031																																										
502		ADPT, TEST POINT, PTA/PEA,	(-141)	2900145 - 021																																										
501		MOUNTING PLATE, COMPONENT	(-144)	6900007 - 03						FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
500	AC	MOUNTING PLATE, COMPONENT	(-144)	6900007 - 02		PER 9-497	B	II	NOTE 11C	4.125	1.812	3.50	NA	.125	.062	.12	.156	1.000	.25	.625	1.140	.890	.640	.390	.125	.171	.25	1.875	.687	2.625	.250	.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875

A.C. ELECTRONICS DASH NUMBERS

(AG) THIS SHEET ADDED

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FSN NO.
LIST OF MATERIALS				

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± DECIMALS ± .005 ANGLES ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN E. Grimes 2-15-66
CHECKED [illegible] 2-15-66
APPROVED
APPROVED

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

APPROVED MIT A.C. ELECTRONICS [illegible]
APPROVED MSC
DATE

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260 | SHEET 6 OF 6

SCALE NONE

1004260 AM

595	AC
598	AC

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER NO.	CONT NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
546		FIX., HAND., C/M AND LEM CDU		2900999-021			NAS 9-497	B	II	NOTE II C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
541	AC	FIXTURE, MOUNTING, IMU		2900000-821			NAS 9-497	B	II	NOTE II C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.125	.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
543	AC	PANEL, MONITOR		2900031-041			NAS 9-497	B	II	NOTE II C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
542	AC	BATTERY PACK, LIFTING		2900812-021			NAS 9-497	B	II	NOTE II G	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
540	AC	ADPT, TEST POINT, P.S.A.		2900037-031			NAS 9-497	B	II	NOTE II C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
539	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021285-041				A	I	NOTE IIB	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
538	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021285-051				A	I	NOTE IIB	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
537	AC	TEST SELECTOR		2900028-031				B	II	NOTE II C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
536	AC	ANALYZER, OPTICS - INERTIAL		2900023-041				B	II	NOTE II C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.125	.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
535	AC	CONT, TEMP, PORTABLE		2900060-021				B	II	NOTE II C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
534	AC	COMPUTER CONT & RETICLE DIMMER		6014515-021				B	II	NOTE II C	2.000	.312	1.906	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
533	AC	ADPT MODULE, P.S.A.		1902431-041				B	II	NOTE II C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
532	AC	TRAY BREAKOUT, 105 PIN		1900807-021							4.125	1.812	3.250		.125	.062	.12	.156	.125	.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021							4.125	1.812	3.250		.125	.062	.12	.156	.125	.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
530	AC	HEAT SINK - TRAY EXTENDER		1900808-021							2.125	.968	1.718		.093	.031	.06	.093	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
529	AC	TESTER, FAILURE INDICATOR		1900809-021							2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
527	AC	FIX., MOUNTING, G AND N	(-141)	2902954-021							FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
526	AC	FIX., MOUNTING, G AND N	(-144)	2900067-031				B	II	NOTE II C	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718	1.187	.968	.749	1.452	.093	.295	.010	1.312	1.00	2.000	.250	1.687	2.750	.062	N/A	NA	.463	.125	.562	2.437	.140	2.562	.090	.468	.359	2.750
525	AC	PORTABLE TEMP. CONTROLLER		1900496-021				A	I	NOTE II B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA
524	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY C/M		2010743				A	I	NOTE II B	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																					
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY - LEM		6010656				A	I	NOTE II B																																					
522	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - LEM		2010744				B	II	NOTE II C	FOR DIMENSIONS, SEE DASH 504 VALUES BELOW																																					
521	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - C/M		2010744				B	II	NOTE II C	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																					
520	AC	PSA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745				A	I	NOTE II B	FOR DIMENSIONS, SEE DASH 502 VALUES BELOW																																					
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011				A	I	NOTE II B	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																					
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031																																										
517	AC	FIX., HAND., OPTICS INSTL.	(-141)	2901380-011																																										
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY - LEM		6010655			NAS 9-497	A	I	NOTE II B	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																					
514	AC	SIGNAL COND. ASSY - LEM OPER.	(-100)	6007013			NAS 9-497	A	I	NOTE II B	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																					
513		JUMPER, BY-PASS	(-141)	1021616				B	II	NOTE II C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
512		COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322 - 01				A	I	NOTE II B	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																					
511		COUPLING DATA UNIT ASSEMBLY - LEM	(-100)	2007322 - 02																																										
510		BATTERY POWER PACK	(-44)	1900011 - 041				B	II	NOTE II C	FOR DIMENSIONS, SEE DASH 500 VALUE BELOW																																					
509		JUNCTION BOX, P.S.A./G.S.E.	(-44)	1902195 - 03				B	II	NOTE II C	FOR DIMENSIONS, SEE DASH 500 VALUE BELOW																																					
508		NAVIGATION BASE ASSEMBLY - LEM	(-10)	6[illegible]480				A	I	NOTE	2.000	1.312	1.906	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
507		CSL, COOL, AND PAR, G AND N	(-144)	1902134 - 04				B	II	NOTE II C	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																					
506		BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011 - 01																																										
505		MONITOR AND CONTROL, TEMP	(-141)	2900026 - 03							2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
504		PAR SUB, GUIDANCE SYSTEM	(-141)	1900033-021																																										
503		CONTROL, GIMBAL POSITION	(-141)	2900036-031																																										
502		ADPT, TEST POINT, PTA/PEA,	(-141)	2900145-021																																										
501		MOUNTING PLATE, COMPONENT	(-144)	6900007-03							FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																					
500	AC	MOUNTING PLATE, COMPONENT	(-144)	6900007-02			NAS 9-497	B	II	NOTE II C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.125	.625	1.140	.890	.640	1.390	.125	.171	.25	1.875	.687	2.625	.250	.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

(AG) THIS SHEET ADDED

A.C ELECTRONICS DASH NUMBERS

REVISIONS

SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
AG		CHANGED NUMBER OF SHEETS FROM 5 TO 6 PER TDRR 26110.	RAJ		2-15-66	
AH		REVISED PER TDRR 26372	"		3-15-66	
AJ		REVISED PER TDRR 26425	"		3-15-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27058	"		4-7-66	
AN		REVISED PER TDRR 27235	"		4-7-66	
AP		REVISED PER TDRR 27345	"		4-7-66	
AR		REVISED PER TDRR 27417	"		4-7-66	
AS		REVISED PER TDRR 27442	"		4-7-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27886	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-20-66	
AW		28110	"		5-16-66	
AX		28173	"		5-16-66	
AZ		28131	"		5-16-66	
BA		28124	"		5-16-66	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29162	"		6-24-66	
BG		" " " 29429	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29535	"		"	
BK		" " " 29619	"		"	
BL		" " " 29696	"		6-29-66	
BM		REVISION STATUS CHANGED	JSD	N.S.	7-29-66	
BN		REVISED PER TDRR 29784	JL			
BP		REVISION STATUS CHANGED	JL			
BR		REVISION STATUS CHANGED	JL			
BS		REVISED PER TDRR 30530	GW			
BT		REVISED PER TDRR 30543	GW			
BU		REVISED PER TDRR 30698	EM			
BV		REVISED PER TDRR 31241	JJB			
BW		REVISION STATUS CHANGED	JJB			
BY		REVISED PER TDRR 31341	JJB		10-27-66	

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS				

MIT INSTRUMENTATION LAB, CAMBRIDGE MASS

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

DRAWN E. A. Jones 2-15-66
CHECKED [illegible] 2-15-66
APPROVED
APPROVED
APPROVED MIT [illegible] 4-15-66
APPROVED MSC
DATE

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. CAPACITOR VALUES ARE IN μf. RESISTOR VALUES ARE IN OHMS. TOLERANCES ON FRACTIONS ±, DECIMALS ±.005, ANGLES ±. DO NOT SCALE THIS DRAWING.

MATERIAL: SEE NOTE 11

A1 APPLICABLE
NEXT ASSY | USED ON
APPLICATION

CODE IDENT NO: 80230 | SIZE: E | DRAWING NO: 1004260

SCALE: NONE | SHEET 6 OF 6

NOTICE - THIS DRAWING OR SPECIFICATION, OR OTHER DATA FURNISHED HEREWITH, IS THE PROPERTY OF MASSACHUSETTS INSTITUTE OF TECHNOLOGY, CAMBRIDGE, MASS. IT IS LOANED SUBJECT TO RETURN ON REQUEST AND IS NOT TO BE REPRODUCED, COPIED, LENT OR DISPOSED OF IN ANY MANNER WITHOUT THE PERMISSION OF MASSACHUSETTS INSTITUTE OF TECHNOLOGY. IT IS NOT TO BE USED IN WHOLE OR IN PART IN THE MANUFACTURE OF ANYTHING EXCEPT UNDER A CONTRACT WITH MASSACHUSETTS INSTITUTE OF TECHNOLOGY. IT IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF MASSACHUSETTS INSTITUTE OF TECHNOLOGY. NOTHING IN THIS NOTICE SHALL BE CONSTRUED AS GRANTING ANY RIGHTS UNDER ANY PATENTS OWNED BY MASSACHUSETTS INSTITUTE OF TECHNOLOGY, NOR SHALL IT BE SO CONSTRUED BY REASON OF THE DELIVERY HEREOF.

33	AC
598	AC

BYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
AG		CHANGED NUMBER OF SHEETS FROM 5 TO 6 PER TDRR 28110.	RAJ		21 APR 66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26796	"		3-16-66	
AM		REVISED PER TDRR 2 68	"		4-7-66	
AN		REVISED PER TDRR 27235	"		4-7-66	
AP		REVISED PER TDRR 27345	"		4-7-66	
AR		REVISED PER TDRR 27417	"		4-7-66	
AS		REVISED PER TDRR 27442	"		4-7-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27680	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-20-66	
AW		28110	"		5-16-66	
AY		28173	"		5-16-66	
AZ		28131	"		5-16-66	
BA		28124	"		5-16-66	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		-	
BF		" " " 29322	"		6-8-66	
BG		" " " 29429	"		-	
BH		" " " 29249	"		-	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		-	
BL		" " " 29696	"		6-29-66	
BM		REVISION STATUS CHANGED	USD	N.S.	7-29-66	
BN		REVISED PER TDRR 29974	JL	RLW	7-29-66	
BP		REVISION STATUS CHANGED	JL	RLW	11 AUG 66	
BR		REVISION STATUS CHANGED	JL	RLW	11 AUG 66	
BS		REVISED PER TDRR 30530	GW	RLW	6 OCT 66	
BT		REVISED PER TDRR 30543	GW	RLW	6 OCT 66	
BU		REVISED PER TDRR 30898	EH	JL	9 DEC 66	
BV		REVISED PER TDRR 31241	JJB	RLW	10 OCT 66	
BW		REVISION STATUS CHANGED	JJB	RLW	10 OCT 66	
BY		REVISED PER TDRR 31341	JJB	RLW	10 OCT 66	
BZ		REVISED PER TDRR 31393	JJB	RLW	10 OCT 66	

02768

DASH NO	P/C	PART NAME	REMARKS	PART NO.	SER NO.	CONT NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
546		FIX, HAND., C/M AND LEM CDU		2900999-021					NAS 9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
544		ADPT MODULE, P.S.A.		1902431-051					NAS 9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
541	AC	FIXTURE, MOUNTING, IMU		2900000-021					NAS 9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	100/104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
543	AC	PANEL, MONITOR		2900031-041					NAS 9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
542	AC	BATTERY PACK, LIFTING		2900812-021					NAS 9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
540	AC	ADPT, TEST POINT, P.S.A.		2900037-031					NAS 9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
539	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-041						A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
538	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-031						A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
537	AC	TEST SELECTOR		2900028-031						B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
536	AC	ANALYZER, OPTICS - INERTIAL		2900023-041						B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	100/104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
535	AC	CONT, TEMP, PORTABLE		2900060-021						B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
534	AC	COMPUTER CONT & RETICLE DIMMER		6014512-021						A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
533	AC	ADPT MODULE, P.S.A.		1902431-041						B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
532	AC	TRAY BREAKOUT, 105 PIN		1900807-021									4.125	1.812	3.250		.125	.062	.12	.156	100/104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021									4.125	1.812	3.250		.125	.062	.12	.156	100/104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
530	AC	HEAT SINK - TRAY EXTENDER		1900808-021									2.125	.968	1.718		.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
529	AC	TESTER, FAILURE INDICATOR		1900809-021									2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
527	AC	FIX, MOUNTING, G AND N	(-144)	1902204-021									FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
526	AC	FIX, MOUNTING, G AND N	(-144)	2900067-031																																													
525	AC	PORTABLE TEMP. CONTROLLER		1900496-021						B	II	NOTE 11C	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718	1.187	.968	.749	1.452	.093	.295	.090	1.312	1.00	2.000	.250	1.687	2.750	.062	NA	NA	.463	.125	.562	2.437	.140	2.562	.090	.468	.359	2.750
524	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY C/M		2010743						A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY - LEM		6010656						2	I		FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
522	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - LEM		2010744						A	I	NOTE 11B																																						
521	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - C/M		2010744						B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 504 VALUES BELOW																																						
520	AC	PWR ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745						B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011						B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 502 VALUES BELOW																																						
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031						B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
517	AC	FIX, HAND., OPTICS INSTL.	(-141)	2301380-011						B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY - LEM		6010655			NAS 9-497			A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007013			NAS-9-497			A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
513		JUMPER, BY-PASS	(-141)	1021616						B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
512		COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322 - 011						A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
511		COUPLING DATA UNIT ASSEMBLY - LEM	(-100)	2007322 - 021																																													
510		BATTERY POWER PACK	(-144)	1900011 - 041						B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
509		JUNCTION BOX, PSA/GSE	(-144)	1902196 - 021						B	II	NOTE 11C																																							
508		NAVIGATION BASE ASSEMBLY - LEM	(-101)	6859980						A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
507		CSL, COOL AND PWR, G AND N	(-144)	1902134 - 041						B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
505		BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011 - 011																																													
504		MONITOR AND CONTROL, TEMP	(-141)	2900026 - 021																																													
502		PAR SUB, GUIDANCE SYSTEM	(-141)	1900033 - 021									2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
503		CONTROL, GIMBAL POSITION	(-141)	2900036 - 021																																													
501		ADPT, TEST POINT, PTA/PEA,	(-141)	2900145 - 021																																													
501		MOUNTING PLATE, COMPONENT	(-144)	6900007 - 031						B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
501	AC	MOUNTING PLATE, COMPONENT	(-144)	2900067 - 021			NAS-9-497			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	100/104	.25	1.625	1.140	.890	.640	1.390	.125	.171	.25	1.875	.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

(AG) THIS SHEET ADDED

A C ELECTRONICS DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± ±.005 ±
DO NOT SCALE THIS DRAWING

AS APPLICABLE
NEXT ASSY USED ON
APPLICATION

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB
CAMBRIDGE MASS

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	R. A. Jones	2-15-66
CHECKED		2-15-66
APPROVED		
APPROVED		
APPROVED MIT		5-16-66
APPROVED MSC		DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO	SIZE	DRAWING NO.
80230	E	1004260

SCALE NONE SHEET 6 OF 6

NOTICE - THIS DRAWING OR SPECIFICATION, OR OTHER DATA FURNISHED IN CONNECTION WITH IT, IS THE PROPERTY OF M.I.T. AND IS LOANED SUBJECT TO AGREEMENT THAT IT MAY NOT BE COPIED, REPRODUCED OR USED IN WHOLE OR IN PART AS THE BASIS FOR MANUFACTURE OR SALE OF APPARATUS OR A PART THEREOF, NOR MAY IT BE DISCLOSED TO ANY PERSON OUTSIDE THE RECIPIENT'S ORGANIZATION EXCEPT AS AUTHORIZED IN WRITING BY M.I.T. AND IT SHALL BE RETURNED TO M.I.T. ON DEMAND OR WHEN NO LONGER NEEDED FOR THE PURPOSE FOR WHICH IT WAS LOANED.

1	AC
2	AC
3	AC

REVISIONS 02768

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
AG		CHANGED NUMBER OF SHEETS FROM 5 TO 6 PER TDRR 26110.	RA.		3-1-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26796	"		3-16-66	
AM		REVISED PER TDRR 27068	"		4-7-66	
AN		REVISED PER TDRR 27235	"		4-7-66	
AP		REVISED PER TDRR 27345	"		4-7-66	
AR		REVISED PER TDRR 27417	"		4-7-66	
AS		REVISED PER TDRR 27442	"		4-7-66	
AT		REVISED PER TDRR 27719	"		4-22-66	
AU		REVISED PER TDRR 27880	"		4-26-66	
AV		REVISED PER TDRR 27896	"		4-26-66	
AW		28110	"		5-16-66	
AY		28173	"		5-16-66	
AZ		28131	"		5-16-66	
BA		28124	"		5-16-66	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29322	"		6-24-66	
BG		" " " 29429	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		"	
BL		" " " 29696	"		8-29-66	
BM		REVISION STATUS CHANGED	JSD	N.S.	7-29-66	
BN		REVISED PER TDRR 29974	JL	RLW	12-16-66	
BP		REVISION STATUS CHANGED	JL	RLW	12-16-66	
BR		REVISION STATUS CHANGED	JL	RLW	12-22-66	
BS		REVISED PER TDRR 30530	GW	RLW	1-6-67	
BT		REVISED PER TDRR 30543	GW	RLW	1-6-67	
BU		REVISED PER TDRR 30898	EH	JL	3-1-67	
BV		REVISED PER TDRR 31241	JJB	RLW	5-8-67	
BW		REVISION STATUS CHANGED	JJB	RLW	10-27-67	
BY		REVISED PER TDRR 31341	JJB	RLW	10-27-67	
BZ		REVISED PER TDRR 31393	JJB	RLW	10-27-67	
CA		REVISED PER TDRR 31593	JJB	RLW	2-5-68	

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER NO.	CONT NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
547		CSL, CAL AND TEST, SCM/PSAAM		2900895-021		NAS-497	B	II	NOTE 11 C	4.125	1.812	3.250	NA	.125	.062	.12	.156	100/104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.350	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
546		FIX., HAND., C/M AND LEM CDU		2900999-021		NAS-9-497	B	II	NOTE 11 C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
544		ADPT MODULE, P.S.A.		1902431-051		NAS-9-497	B	II	NOTE 11 C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
541	AC	FIXTURE, MOUNTING, IMU		2900000-021		NAS 9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	100/104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
543	AC	PANEL, MONITOR		2900031-041		NAS9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
542	AC	BATTERY PACK, LIFTING		2900812-021		NAS 9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
540	AC	ADPT, TEST POINT, P.S.A.		2902037-031		NAS 9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
539	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-041			A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
538	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-031			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
537	AC	TEST SELECTOR		2900028-031			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	100/104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
536	AC	ANALYZER, OPTICS - INERTIAL		2900023-041			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	100/104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
535	AC	CONT, TEMP, PORTABLE		2900060-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
534	AC	COMPUTER CONT & RETICLE DIMMER		6014512-021			A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
533	AC	ADPT MODULE, P.S.A.		1902431-041			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
532	AC	TRAY BREAKOUT, 105 PIN		1900807-021						4.125	1.812	3.250		.125	.062	.12	.156	100/104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021						4.125	1.812	3.250		.125	.062	.12	.156	100/104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
530	AC	HEAT SINK - TRAY EXTENDER		1900808-021						2.125	.968	1.718		.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
529	AC	TESTER, FAILURE INDICATOR		1900809-021						2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
527	AC	FIX., MOUNTING, G AND N	(-144)	2900204-021						FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
526	AC	FIX., MOUNTING, G AND N	(-144)	2900067-031			B	II	NOTE 11C	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718	1.187	.968	.749	1.452	.093	.295	.090	1.312	1.00	2.000	.250	1.687	2.750	.062	N/A	NA	.463	.125	.562	2.437	.140	2.562	.090	.468	.359	2.750
524	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY C/M		2010743			A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY - LEM		6010656						FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
522	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - LEM		2010744																																										
521	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - C/M		2010744			A	I	NOTE 11B																																						
520	AC	PRA ELECTRONICS AND THERVCCOUPLE ASSEMBLY		2010745																																										
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 504 VALUES BELOW																																						
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
517	AC	FIX., HAND., OPTICS INSTL.	(-141)	2901380-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 502 VALUES BELOW																																						
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY LEM		6010655		NAS 9-497	A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007013		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
513		JUMPER, BY-PASS	(-141)	1021616			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
512		COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322-011			A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
511		COUPLING DATA UNIT ASSEMBLY - LEM	(-100)	2007322-021																																											
510		BATTERY POWER PACK	(-144)	6000111-041			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
509		JUNCTION BOX, P.S.A/G.S.E.	(-144)	1902195-021			B	II	NOTE 11C																																						
28		NAVIGATION BASE ASSEMBLY - LEM	(-101)	6899980			A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
507		CSL, COOL, AND PWR, G AND N	(-144)	1902134-041			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
506		BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011-011																																										
505		MONITOR AND CONTROL, TEMP	(-141)	2900026-021						2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
504		PAR SUR, GUIDANCE SYSTEM	(-141)	1900033-021																																										
503		CONTROL, GIMBAL POSITION	(-141)	2900036-021																																										
502		ADPT, TEST POINT, PTA/PEA,	(-141)	2900145-021																																										
501		MOUNTING PLATE, COMPONENT	(-144)	2900067-031						FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
500	AC	MOUNTING PLATE, COMPONENT	(-144)	2900677-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	100/104	.25	1.625	1.140	.890	.640	1.390	.125	.171	.25	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875

NOTES FOR TABLE
STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

(AG) THIS SHEET ADDED

A.C. ELECTRONICS DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FINC NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS ±.005 DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING

A.C. APPLICATION
NEXT ASSY
USED ON
APPLICATION

MATERIAL
SEE NOTE 11

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN E. A. Jones 2-15-66
CHECKED R. L. Wheeler 2-15-66
APPROVED
APPROVED
APPROVED MIT R. L. Wheeler 2/15/66
A.C. ENGINEER
APPROVED MSC
DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | SHEET 6 OF 6

599	AC	
598	AC	

SYM	ZONE	REVISIONS DESCRIPTION	BY	CHK	DATE	APPROVED
AG		CHANGED NUMBER OF SHEETS FROM 5 TO 6 PER TDRR 26110.	RAJ		21 FEB 66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-7-66	
AN		REVISED PER TDRR 27235	"		4-7-66	
AP		REVISED PER TDRR 27345	"		4-7-66	
AR		REVISED PER TDRR 27417	"		4-7-66	
AS		REVISED PER TDRR 27442	"		4-7-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27780	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-22-66	
AW		28110	"		5-16-66	
AY		28173	"		5-16-66	
AZ		28131	"		5-16-66	
BA		28124	"		5-16-66	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		6-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		"	
BF		" " " 29322	"		6-24-66	
BG		" " " 29429	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		"	
BL		" " " 29696	"		6-29-66	
BM		REVISION STATUS CHANGED	JJB			
BN		REVISED PER TDRR 29974	JE	RLW	21 AUG 66	
BP		REVISION STATUS CHANGED	JE	LLW	22 AUG 66	
BR		REVISION STATUS CHANGED	JE	RLW	30 AUG 66	
BS		REVISED PER TDRR 30530	GW	RLW	26 SEP 66	
BT		REVISED PER TDRR 30543	GW	LLW	26 SEP 66	
BU		REVISED PER TDRR 30898	EH	JE	3 OCT 66	
BV		REVISED PER TDRR 31241	JJB	RLW	10 OCT 66	
BW		REVISION STATUS CHANGED	JJB	RLW	10 OCT 66	
BY		REVISED PER TDRR 31341	JJB	RLW	10 OCT 66	
BZ		REVISED PER TDRR 31393	JJB	RLW	10 OCT 66	
CA		REVISED PER TDRR 31593	JJB		25 OCT 66	
CB		REVISED PER TDRR 32187	REF		10 DEC 66	

02768

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER NO.	CONT NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
548		CAGING ELECTRONICS, GYRO		2900029-031		NAS-9-497	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
547		CSL, CAL AND TEST, SCM/PSAAM		2900895-021		NAS-9-497	B	II	NOTE II C	4.125	1.812	3.250	NA	.125	.062	.12	.156	100/104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
546		FIX., HAND., C/M AND LEM CDU		2900999-021		NAS-9-497	B	II	NOTE II C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
544		ADPT MODULE, P.S.A.		1902431-051		NAS-9-497	B	II	NOTE II C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
541	AC	FIXTURE, MOUNTING, IMU		2900000-021		NAS 9-497	B	II	NOTE IIC	4.125	1.812	3.250	NA	.125	.062	.12	.156	100/104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
543	AC	PANEL, MONITOR		2900031-041		NAS9-497	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.25	1.938
542	AC	BATTERY PACK, LIFTING		2900812-021		NAS9-497	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
540	AC	ADPT, TEST POINT, P.S.A.		2900037-031		NAS 9-497	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
539	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-041				A	I	NOTE IIB	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
538	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-031				A	I	NOTE IIB	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
537	AC	TEST SELECTOR		2900028-031				B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
536	AC	ANALYZER, OPTICS - INERTIAL		2900023-041				B	II	NOTE IIC	4.125	1.812	3.250	NA	.125	.062	.12	.156	100/104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
535	AC	CONT, TEMP, PORTABLE		2900060-021				B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
534	AC	COMPUTER CONT & RETICLE DIMMER		6014518-021				A	I	NOTE IIB	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
533	AC	ADPT MODULE, P.S.A.		1902431-041				B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
532	AC	TRAY BREAKOUT, 105 PIN		1900807-021							4.125	1.812	3.250		.125	.062	.12	.156	100/104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
531	AC	TRAY BREAKOUT, 8 - PIN		1900806-021							4.125	1.812	3.250		.125	.062	.12	.156	100/104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
530	AC	HEAT SINK - TRAY EXTENDER		1900808-021							2.125	.968	1.718		.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
529	AC	TESTER, FAILURE INDICATOR		1900809-021							2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
527	AC	FIX., MOUNTING, G AND N	(-144)	1902204-021						FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																					
526	AC	FIX., MOUNTING, G AND N	(-144)	2900067-031																																										
525	AC	PORTABLE TEMP. CONTROLLER		1900496-021				B	II	NOTE II C	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718	1.187	.968	.749	1.452	.093	.295	.030	1.312	1.00	2.000	.250	1.687	2.750	.062	N/A	NA	.463	.125	.125	.562	2.437	.140	2.562	.090	.468	.359	2.750
524	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY C/M		2010743				A	I	NOTE II B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY - LEM		6010656																																										
522	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - LEM		2010744				A	I	NOTE II B	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																				
521	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - C/M		2010744																																										
520	AC	PIPA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745																																										
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011				B	II	NOTE II C	FOR DIMENSIONS, SEE DASH 504 VALUES BELOW																																				
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031				B	II	NOTE II C	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																				
517	AC	FIX., HAND., OPTICS INSTL.	(-141)	2901380-011				B	II	NOTE II C	FOR DIMENSIONS, SEE DASH 502 VALUES BELOW																																				
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY - LEM		6010655		NAS 9-497	A	I	NOTE II B	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																				
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007018		NAS-9-497	A	I	NOTE II B	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																				
513		JUMPER, BY-PASS	(-141)	1021616				B	II	NOTE II C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
512		COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322 - 011				A	I	NOTE II B	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																				
511		COUPLING DATA UNIT ASSEMBLY - LEM	(-100)	2007322 - 021																																										
510		BATTERY POWER PACK	(-144)	1900011 - 041				B	II	NOTE II C	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																				
509		JUNCTION BOX, P.S.A./G.S.E.	(-144)	1902195 - 021				B	II	NOTE II C																																				
508		NAVIGATION BASE ASSEMBLY - LEM	(-101)	6899980				A	I	NOTE II B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
507		CSL, COOL. AND PWR, G AND N	(-144)	1902134 - 041				B	II	NOTE II C	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																				
506		BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011 - 011																																										
505		MONITOR AND CONTROL, TEMP	(-141)	2900026 - 021																																										
504		PWR SUP, GUIDANCE SYSTEM	(-141)	1900033 - 021							2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	L840	.046	.23	.16	1.938
503		CONTROL, GIMBAL POSITION	(-141)	2900036 - 021																																										
502		ADPT, TEST POINT, PTA/PEA,	(-141)	2900145 - 021																																										
501		MOUNTING PLATE, COMPONENT	(-144)	6900007 - 031																																										
500	AC	MOUNTING PLATE, COMPONENT	(-144)	2900577 - 021		NAS-9-497	B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																				
										4.125	1.812	3.250	NA	.125	.062	.12	.156	100/104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

(AG) THIS SHEET ADDED

A.C ELECTRONICS DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS ±, DECIMALS ±.005, ANGLES ±—
DO NOT SCALE THIS DRAWING

MATERIAL SEE NOTE 11

AS APPLICABLE | NEXT ASSY | USED ON | APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN E. A. Jones 2-15-66
CHECKED [illegible] 2-15-66
APPROVED
APPROVED

APPROVED MIT W. Wrigley 5-16-66
R. C. HOTCKISS
APPROVED MSC
DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230 | SIZE E | DRAWING NO. 1004260

SCALE NONE | SHEET 6 OF 6

NOTICE - THIS DOCUMENT CONTAINS INFORMATION OF A PROPRIETARY NATURE. IT SHALL NOT BE REPRODUCED OR DISCLOSED TO OTHERS OUTSIDE THE RECEIVING ORGANIZATION NOR USED FOR MANUFACTURE BY OR FOR THE GOVERNMENT, EXCEPT AS AUTHORIZED IN WRITING BY THE CONTRACTOR. THIS LEGEND SHALL BE INCLUDED ON ANY REPRODUCTION HEREOF IN WHOLE OR IN PART. THE RESTRICTIONS DO NOT LIMIT THE RIGHT TO USE INFORMATION OBTAINED FROM ANY OTHER SOURCE WITHOUT RESTRICTION. THE GOVERNMENT SHALL HAVE UNLIMITED RIGHTS IN ANY DATA CONTAINED HEREIN WHICH IS DEVELOPED EXCLUSIVELY WITH GOVERNMENT FUNDS. NOTHING HEREIN SHALL AFFECT THE RIGHTS OF THE GOVERNMENT IN DATA FURNISHED TO THE GOVERNMENT WITHOUT RESTRICTION.

REVISIONS						02768
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
AG		CHANGED NUMBER OF SHEETS FROM 5 TO 6 PER TDRR 26110.	RAJ		2 FEB 66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-7-66	
AN		REVISED PER TDRR 27235	"		4-7-66	
AP		REVISED PER TDRR 27344	"		4-7-66	
AR		REVISED PER TDRR 27417	"		4-7-66	
AS		REVISED PER TDRR 27442	"		4-7-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27880	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-20-66	
AW		28110	"		5-16-66	
AY		28173	"		5-16-66	
AZ		28131	"		5-16-66	
BA		28124	"		5-16-66	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28549	"		5-24-66	
BD		" " " 29222	"		6-8-66	
BE		" " " 29235	"		-	
BF		" " " 29322	"		6-24-66	
BG		" " " 29429	"		-	
BH		" " " 29449	"		-	
BJ		" " " 29335	"		-	
BK		" " " 29619	"		-	
BL		" " " 29696	"		6-29-66	
BM		REVISION STATUS CHANGED	JJB	RLW	22 JULY 66	
BN		REVISED PER TDRR 29974	JJB	RLW	22 JULY 66	
BP		REVISION STATUS CHANGED	JJB	RLW	22 JULY 66	
BR		REVISION STATUS CHANGED	JJB	RLW	22 JULY 66	
BS		REVISED PER TDRR 30530	GW	RLW	26 AUG 66	
BT		REVISED PER TDRR 30543	GW	RLW	26 AUG 66	
BU		REVISED PER TDRR 30898	EH	JJB	9 SEP 66	
BV		REVISED PER TDRR 31241	JJB	RLW	9 SEP 66	
BW		REVISION STATUS CHANGED	JJB	RLW	9 SEP 66	
BY		REVISED PER TDRR 31341	JJB	RLW	10 OCT 66	
BZ		REVISED PER TDRR 31393	JJB	RLW	10 OCT 66	
CA		REVISED PER TDRR 31593	JJB	RLW	25 OCT 66	
CB		REVISED PER TDRR 32187	REF	RLW	10 DEC 66	
CC		REVISED PER TDRR 32512	AF	GW	15 MAR 67	

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER NO.	CONT NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
548		CAGING ELECTRONICS, GYRO		2900029-031		NAS-9-497	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
547		CSL, CAL AND TEST, SCM/PSAAM		2900895-021		NAS-9-497	B	II	NOTE II C	4.125	1.812	3.250	NA	.125	.062	.12	.156	100/104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
546		FIX, HAND., C/M AND LEM CDU		2900999-021		NAS-9-497	B	II	NOTE II C	2.125	968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
545	AC	G&N INDICATOR CONTROL PANEL ASSY		2014578-021		NAS-9-497	A	I	NOTE II B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	NA	1.750	1.125	.906	.688	1.500	NA	.281	.125	NA	1.094	2.062	.312	NA	2.500	.062	.125	1.312	.469	NA	NA	NA	.156	NA	.125	.469	.344	NA
544		ADPT MODULE, P.S.A.		1902431-051		NAS-9-497	B	II	NOTE II C	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
541	AC	FIXTURE, MOUNTING, IMU		2900000-021		NAS 9-497	B	II	NOTE IIC	4.125	1.812	3.250	NA	.125	.062	.12	.156	100/104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
543	AC	PANEL, MONITOR		2900031-041		NAS9-497	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
542	AC	BATTERY PACK, LIFTING		2900812-021		NAS-9-497	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.25	1.938
540	AC	ADPT, TEST POINT, P.S.A.		2900037-031		NAS-9-497	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
539	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-041			A	I	NOTE IIB	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
538	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-031			A	I	NOTE IIB	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
537	AC	TEST SELECTOR		2900028-031			B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
536	AC	ANALYZER, OPTICS-INERTIAL		2900023-041			B	II	NOTE II C	4.125	1.812	3.250	NA	.125	.062	.12	.156	100/104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
535	AC	CONT, EL/P, PORTABLE		2900060-021			B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
534	AC	COMPUTER CONT & RETICLE DIMMER		6014512-021			A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
533	AC	ADPT MODULE, P.S.A.		1902431-041			B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
532	AC	TRAY BREAKOUT, 105 PIN		1900807-021						4.125	1.812	3.250		.125	.062	.12	.156	100/104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021						4.125	1.812	3.250		.125	.062	.12	.156	100/104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
530	A	HEAT SINK - TRAY EXTENDER		1900808-021						2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
529	AL	TESTER, FAILURE INDICATOR		1900809-021						2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
527	AC	FIX, MOUNTING, G AND N	(-144)	1902204-021						FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																					
526	AC	FIX, MOUNTING, G AND N	(-144)	2900067-031																																										
525	AC	PORTABLE TEMP. CONTROLLER		1900496-021			C	II	NOTE II C	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718	1.187	.968	.749	1.452	.093	.295	.090	1.312	1.00	2.000	.250	1.687	2.750	.062	NA	NA	.463	.125	.562	2.437	.140	2.562	.090	.468	.359	2.750
524	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY C/M		2010743			A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY - LEM		6010656						FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																					
522	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - LEM		2010744																																										
521	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - C/M		2010744			A	I	NOTE 11B																																					
520	AC	PIPA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 504 VALUES BELOW																																					
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																					
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 502 VALUES BELOW																																					
517	AC	FIX, HAND., OPTICS INSTL.	(-141)	2901380-011			A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW																																					
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY-LEM		6010655		NAS 9-497																																								
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007013		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																					
513		JUMPER, BY-PASS	(-141)	1021616			B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
512		COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322 - 011			A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																					
511		COUPLING DATA UNIT ASSEMBLY - LEM	(-100)	2007322 - 021																																										
510		BATTERY POWER PACK	(-144)	1900011 - 041			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																					
509		JUNCTION BOX, P.S.A./G.S.E.	(-144)	1902195 - 021			B	II	NOTE IIC																																					
508		NAVIGATION BASE ASSEMBLY - LEM	✓ (-101)	6899980			A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
507		CSL, COOL. AND PWR, G AND N	(-144)	1902134 - 041			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																					
506		BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011 - 011																																										
505		MONITOR AND CONTROL, TEMP	(-141)	2900026 - 021																																										
504		PWR SUB, GUIDANCE SYSTEM	✓ (-141)	1900033 - 021						2.125	.968	1.718	NA	.093	.031	.06	.093	100/104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
503		CONTROL, GIMBAL POSITION	(-141)	2900036 - 021																																										
502		ADPT, TEST POINT, PTA/PEA,	(-141)	2900145 - 021																																										
501		MOUNTING PLATE, COMPONENT	(-144)	6900057 - 031						FOR DIMENSIONS SEE DASH 500 VALUES BELOW																																					
500	AC	MOUNTING PLATE, COMPONENT	✓ (-144)	2900677 - 021		NAS-9-497	B	II	NOTE IIC	4.125	1.812	3.250	NA	.125	.062	.12	.156	100/104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

(AG) THIS SHEET ADDED

AC ELECTRONICS DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± —— ±.005 ± —
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTE 11

AS APPLICABLE
NEXT ASSY USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN R. A. Jones 2-15-66
CHECKED A. C. Hetzler 2-15-66
APPROVED
APPROVED

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

APPROVED MIT W. W. Wrigley & C. C. HETZLER 5-16-66
APPROVED MSC DATE

CODE IDENT NO. 80230
SIZE E
DRAWING NO. 1004260
SCALE NONE
SHEET 6 OF 6

| | | |

SYM	ZONE	REVISIONS DESCRIPTION	BY	CHK	APP'D
AG		CHANGED NUMBER OF SHEETS FROM 5 TO 6 PER TDRR 25110	WLF		2-17-66
AH		REVISED PER TDRR 26372	"		3-16-66
AJ		REVISED PER TDRR 26428	"		3-16-66
AK		REVISED PER TDRR 26748	JHW		3-16-66
AL		REVISED PER TDRR 26798	"		3-16-66
AM		REVISED PER TDRR 27168	"		3-16-66
AN		REVISED PER TDRR 27239	"		4-7-66
AP		REVISED PER TDRR 27345	"		4-7-66
AR		REVISED PER TDRR 27417	"		4-7-66
AS		REVISED PER TDRR 27442	"		4-7-66
AT		REVISED PER TDRR 27719	"		4-28-66
AU		REVISED PER TDRR 27880	"		4-28-66
AV		REVISED PER TDRR 27896	"		4-28-66
AW		" " " 28110	"		5-16-66
AY		" " " 28173	"		5-16-66
AZ		" " " 28131	"		5-16-66
BA		" " " 28134	"		5-16-66
BB		REVISED PER TDRR 28511	"		5-16-66
BC		" " " 28549	"		5-16-66
BD		" " " 28222	"		5-16-66
BE		" " " 28239	"		5-16-66
BF		" " " 29322	"		5-16-66
BG		" " " 29483	"		5-16-66
BH		" " " 29449	"		5-16-66
BJ		" " " 29325	"		5-16-66
BK		" " " 29619	"		5-16-66
BL		" " " 29696	"		5-16-66
BM		REVISION STATUS CHANGED DEVICES DELETED 28656	JJB	M.E.	10-25-66
BP		REVISION STATUS CHANGED	EE		
BR		REVISION STATUS CHANGED	EE	ICW	
BS		REVISED PER TDRR 30530	GW		
BT		REVISED PER TDRR 30849	GW		
BU		REVISED PER TDRR 30898	EH		
BV		REVISED PER TDRR 31241	JJB		
BW		REVISION STATUS CHANGED	JJB		
BY		REVISED PER TDRR 31341	JJB		
BZ		REVISED PER TDRR 31393	JJB		
CA		REVISED PER TDRR 31593	JJB		
CB		REVISED PER TDRR 32187	REF		
CC		REVISED PER TDRR 32512	AF		
CD		REVISION STATUS CHANGED	DR		
CE		REVISION STATUS CHANGED	SHEL		

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER NO.	CONT NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
699	AC	CAGING ELECTRONICS, GYRO		2900029-031		MAS 9-497	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
698	AC	CSE, CAL AND TEST, SCM/PSA AM		2900095-021		MAS 9-497	B	II	NOTE II C	4.125	.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
697		FIX, HAND., C/M AND LEM CDU		2900099-021		NAS 9-498	B	II	NOTE II C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
696	AC	G&N INDICATOR CONTROL PANEL ASSY		2014578-021		NAS 9-497	A	I	NOTE II B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.906	.688	1.500	NA	.281	.125	NA	2.500	2.062	.312	NA	2.500	.062	.125	1.312	.469	NA	NA	NA	.156	NA	.125	.469	.344	NA
695		ADE MODULE, P.S.A.		1902431-051		NAS 9-497	B	II	NOTE II C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
694		FIXTURE, MOUNTING, IMU		2900020-021		NAS 9-497	B	II	NOTE IIC	4.125	.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
693		PANEL, MONITOR		2900031-041		NAS 9-497	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
692		BATTERY PACK, LIFTING		2900082-021		NAS 9-497	B	II	NOTE II C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
691		DRIVE, TELEMETRY P.S.A.		2900057-031		NAS 9-497	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
690		[illegible]		1021285-041			A	I	NOTE IIB	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
689		INDICATOR PANEL AND DEPUTEE STORAGE ASSEMBLY		1021285-051			A	I	NOTE IIB	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
688	AC	TEST SELECTION		2900028-081			B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
687	AC	PANEL, ZERO OPT'S CG - INERTIAL		2900023-041			B	II	NOTE IIC	4.125	.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
686	AC	CONT. TIME, BOOSTABLE		2900046-081			B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
685	AC	COMPUTER CONT & RETICLE DIMMER		6041512-021			A	I	NOTE IIB	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
684	AC	ADPT MODULE, P.S.A.		1902431-041			B	II	NOTE IIC	4.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
683	AC	TRAY, BREAKOUT, 105 PIN		1900867-081						4.125	.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
682	AC	TRAY, BREAKOUT, 84 PIN		1900806-021						4.125	.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
681	AC	HEAT SINK - RAY EXTENDER		1900808-021						2.125	.968	1.718		.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
680	AC	MOISTURE SENSURE INDICATOR		1900809-021						2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
679	AC	FIX, MOUNTING, G AND N	(-144)	1902264-021						FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																					
678	AC	FIX, MOUNTING G AND N	(-144)	2900067-031																																									
677	AC	PORTABLE TEMP. CONTROLLER		1900496-021			B	II	NOTE IIC	3.000	1.937	2.437	2.375	.125	.031	.125	.156	.125	.125	1.718	1.187	.968	.749	1.452	.093	.295	.030	1.312	1.00	2.000	.250	1.687	2.750	.062	NA	NA	.463	.125	.562	2.437	.140	2.562	.090	.468	.359	2.750
528	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY C/M		2010743			A	I	NOTE IIB	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY - LEM		6010656						FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																					
522	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - LEM		2010744																																									
521	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - C/M		2010744																																									
520	AC	SCM ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745			A	I	NOTE IIB																																					
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6800128-011			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																					
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																					
517	AC	FIX, HAND., OPTICS INSTL.	(-141)	2901380-011			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 502 VALUES BELOW																																					
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY - LEM		6010655		NAS 9-497	A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																					
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007013		NAS-9-497	A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																					
513		JUMPER, BY-PASS	(-141)	1021616			B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
512		COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322 - 011			A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																					
511		COUPLING DATA UNIT ASSEMBLY - LEM	(-100)	2007322 - 021																																										
510		BATTERY POWER PACK	(-144)	1900011 - 041			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																					
509		JUNCTION BOX, P.S.A./G.S.E.	(-144)	1902195 - 021			B	II	NOTE IIC																																					
508		NAVIGATION BASE ASSEMBLY - LEM	(-101)	6899380			A	I	NOTE IIB	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
507		CSL, COOLAND PWR, G AND N	(-144)	1902134 - 041			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																					
506		BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011 - 011																																										
505		MONITOR AND CONTROL, TEMP	(-141)	2900086 - 021																																										
504		PWR SUP, GUIDANCE SYSTEM	(-141)	1900033 - 021						2.125	.968	1.718	NA	.093	.031	.06	.093	.156 .062	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
503		CONTROL, GIMBAL POSITION	(-141)	2900036 - 021																																										
502		ADPT, TEST POINT, PTA/PEA	(-141)	2900145 - 021																																										
501		MOUNTING PLATE, COMPONENT	(-144)	2900067 - 03		NAS 9-497	B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																					
500	AC	MOUNTING PLATE, COMPONENT	(-144)	2900067 - 02						4.125	.812	3.250	NA	.125	.062	.12	.156 .062	.25	.625	1.140	.890	.640	1.390	.125	.171	.25	1.875	.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875

(AG) THIS SHEET ADDED

A/C ELECTRONICS DASH NUMBERS

NOTES FOR TABLE
- STYLE A IS FOR G&N SYSTEM
- STYLE B IS FOR GROUND SUPPORT EQUIPMENT
- TYPE I IS WITHOUT MOUNTING HOLES
- TYPE II IS WITH MOUNTING HOLES

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIALS

AS APPLICABLE — NEXT ASSY — USED ON — APPLICATION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. CAPACITOR VALUES ARE IN μf. RESISTOR VALUES ARE IN OHMS. TOLERANCES ON FRACTIONS ±, DECIMALS ±.005, ANGLES ±—. DO NOT SCALE THIS DRAWING. MATERIAL SEE NOTE II

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN	E. Stone	2-15-66
CHECKED	Ted Moulton	2-15-66
APPROVED		
APPROVED		
APPROVED MIT	M. Hurley	4-11-66
APPROVED MSC		DATE

NAMEPLATES
APOLLO G&N-GSE
(STANDARDS)

CODE IDENT NO. 80230 — SIZE E — DRAWING NO. 1004260 — SCALE NONE — SHEET 6 OF 6

39	AC
08	AC

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER NO.	CONT NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
559		CSL, C/M AND TEST, SCM/PSAAM		2900895-051						FOR OTHER DATA SEE DASH 547																																						
558		PSA ADAPTER MODULE (LEM)		6900088-851						FOR OTHER DATA SEE DASH 189																																								
557		FIX., HANDLING, C/M PSA		2900998-021		NAS9-497	B	II	NOTE IIC	FOR DIMENSIONS SEE DASH 141 VALUES																																							
556		FIX., MOUNTING G&N	(-144)	2900067-041		NAS9-497	B	II	NOTE IIC	FOR DIMENSIONS SEE DASH 500 VALUES																																							
548		CAGING ELECTRONICS, GYRO		2900029-031		NAS-9-497	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	100 .104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
547		CSL, CAL AND TEST, SCM/PSAAM		2900895-021		NAS-9-497	B	II	NOTE II C	4.125	1.812	3.250	NA	.125	.062	.12	.156	100 .104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
546		FIX., HAND., C/M AND LEM CDU		2900999-021		NAS-9-497	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	100 .104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
545	AC	G&N INDICATOR CONTROL PANEL ASSY		2014578-021		NAS9-497	A	I	NOTE IIB	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	1.125	.750	1.125	.906	.688	1.500	NA	.281	.125	NA	1.094	2.062	.312	NA	2.500	.062	.125	1.312	.469	NA	NA	NA	.156	NA	.125	.469	.344	NA
544		ADPT MODULE, P.S.A.		2900243-051		NAS-9-497	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	100 .104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
541	AC	FIXTURE, MOUNTING, IMU		2900000-821		NAS 9-497	B	II	NOTE IIC	4.125	1.812	3.250	NA	.125	.062	.12	.156	100 .104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
543	AC	PANEL, MONITOR		2900031-041		NAS9-497	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	100 .104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
542	AC	BATTERY PACK, LIFTING		2900812-021		NAS9-497	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	100 .104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
540	AC	ADPT TEST MOUNT DSA		2900037-031		NAS 9-497	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	100 .104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
539	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021858-041				A	NOTE IIB	2.000	.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	5.31	1.906	.078	NA	.078	.531	.187	NA
538	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021855-051				A	NOTE IIB	2.000	.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	5.31	1.906	.078	NA	.078	.531	.187	NA
537	AC	TEST SELECTOR		2900028-031				B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	100 .104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
536	AC	ANALYZER, OPTICS - INERTIAL		2900023-041				B	III	NOTE IIC	4.125	.812	3.250	NA	.125	.062	.12	.156	100 .104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
535	AC	CONT, TEMP, PORTABLE		2900060-021				B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	100 .104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
534	AC	COMPUTER CONT & RETICLE DIMMER		6014518-021				A	I	NOTE IIB	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	5.31	1.906	.078	NA	.078	.531	.187	NA
533	AC	ADPT MODULE, P.S.A.		1902431-041				B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	100 .104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
532	AC	TRAY BREAKOUT, 105 PIN		1900807-021							4.125	1.812	3.250		.125	.062	.12	.156	100 .104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021							4.125	1.812	3.250		.125	.062	.12	.156	100 .104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
530	AC	HEAT SINK - TRAY EXTENDER		1900808-021							2.125	.968	1.718		.093	.031	.06	.093	100 .104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
529	AC	TESTER, FAILURE INDICATOR		1900809-021							2.125	.968	1.718	NA	.093	.031	.06	.093	100 .104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
527	AC	FIX, MOUNTING, G AND N	(-144)	2902804-021						FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
526	AC	FIX, MOUNTING, G AND N	(-144)	2900067-031						FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
525	AC	PORTABLE TEMP. CONTROLLER		1900496-021				B	II	NOTE IIC	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718	1.187	.968	.749	1.452	.093	.295	.090	1.312	1.00	2.000	.250	1.687	2.750	.062	N/A	NA	.463	.125	.562	2.437	.140	2.562	.090	.468	.359	2.750
524	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY C/M		2010743				A	I	NOTE IIB	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY - LEM		6010656																																											
522	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - LEM		2010744						FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
521	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - C/M		2010744																																										
520	AC	PSA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745				A	I	NOTE IIB																																					
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011				B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 504 VALUES BELOW																																						
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031				B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
517	AC	FIX, HAND., OPTICS INSTL.	(-141)	2901380-011				B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 502 VALUES BELOW																																						
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY - LEM		6010655		NAS 9-497	A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																					
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007018		NAS-9-497	A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
513		JUMPER, BY-PASS	(-141)	1022616			B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	100 .104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
512		COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322 - 011			A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
511		COUPLING DATA UNIT ASSEMBLY - LEM	(-100)	2007322 - 021																																											
510		BATTERY POWER PACK	(-144)	6900011 - 041			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
509		JUNCT ON BOX, P.S.A/G.S.E.	(-144)	1902195 - 021			B	II	NOTE IIC																																						
508		NAVIGATION BASE ASSEMBLY - LEM	(-101)	6899980			A	I	NOTE IIB	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
507		CSL, COOL AND PWR, G AND N	(-144)	1902134 - 041			B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
506		BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011 - 011																																											
505		MONITOR AND CONTROL, TEMP	(-141)	2900036 - 021																																										
504		PAR SUB GUIDANCE SYSTEM	(-141)	1900033-021						2.125	.968	1.718	NA	.093	.031	.06	.093	100 .104	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
503		CONTROL, GIMBAL POSITION	(-141)	2900036-021																																										
502		ADPT, TEST POINT, PTA/PEA,	(-141)	2900145-021																																										
501		MOUNTING PLATE, COMPONENT	(-144)	6900007-031																																									
500	AC	MOUNTING PLATE, COMPONENT	(-144)	2900677-021		NAS-9-497	B	II	NOTE IIC	4.125	1.812	3.250	NA	.125	.062	.12	.156	100 .104	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

REVISIONS

SYM	ZONE	DESCRIPTION	BY	CHK	DATE	APPROVED
AG		CHANGED NUMBER OF SHEETS FROM 5 TO 6 PER TDRR 28110	RAJ		2 FEB 66	
AH		REVISED PER TDRR 26372	"		3-FEB-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26798	"		3-16-66	
AM		REVISED PER TDRR 27168	"		4-7-66	
AN		REVISED PER TDRR 27235	"		4-7-66	
AP		REVISED PER TDRR 27345	"		4-7-66	
AR		REVISED PER TDRR 27417	"		4-7-66	
AS		REVISED PER TDRR 27442	"		4-7-66	
AT		REVISED PER TDRR 27719	"		4-20-66	
AU		REVISED PER TDRR 27880	"		4-20-66	
AV		REVISED PER TDRR 27896	"		4-20-66	
AW		" " " 28110	"		5-16-66	
AY		" " " 28173	"		5-16-66	
AZ		" " " 28131	"		5-16-66	
BA		" " " 28124	"		5-16-66	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28549	"		5-26-66	
BD		" " " 29222	"		6 JUN 66	
BE		" " " 29235	"		"	
BF		" " " 29322	"		6-24-66	
BG		" " " 29429	"		"	
BH		" " " 29449	"		"	
BJ		" " " 29335	"		"	
BK		" " " 29619	"		"	
BL		" " " 29696	"		6-29-66	
BM		REVISION STATUS CHANGED	JJB	MLS	7 JULY 66	
BP		REVISION STATUS CHANGED	JJB			
BR		REVISION STATUS CHANGED	JJB			
BS		REVISED PER TDRR 30530	GW			
BT		REVISED PER TDRR 30543	GW			
BU		REVISED PER TDRR 30898	EH			
BV		REVISED PER TDRR 31241	JJB		10 OCT 66	
BW		REVISION STATUS CHANGED	JJB			
BY		REVISED PER TDRR 31341	JJB		10 OCT 66	
BZ		REVISED PER TDRR 31383	JJB		10 OCT 66	
CA		REVISED PER TDRR 31593	JJB		25 OCT 66	
CB		REVISED PER TDRR 32187	REF		10 JAN 67	
CC		REVISED PER TDRR 32512	AF		15 FEB 67	
CD		REVISION STATUS CHANGED	DR		14 FEB 67	
CE		REVISION STATUS CHANGED	SMITH		15 FEB 67	
CP		REVISED PER TDRR 33358	SMITH		15 MAR 67	

02768

AG THIS SHEET ADDED

A C ELECTRONICS DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS DECIMALS ANGLES
± —— ±.005 ± ——
DO NOT SCALE THIS DRAWING

MATERIAL SEE NOTE 11

AS APPLICABLE
NEXT ASSY USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN R. A. Jones 2-15-66
CHECKED [illegible] 2-15-66
APPROVED
APPROVED
APPROVED MIT [illegible] 5-16-66
APPROVED MSC

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260
SCALE NONE | SHEET 6 OF 6

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER NO.	CONT NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
599	AC																																														
598	AC																																															
559		CSL, CAL AND TEST, SCM/PSAAM		2900895-051						FOR OTHER DATA SEE DASH 547																																								
558		PSA ADAPTER MODULE (LEM)		6900588-021						FOR OTHER DATA SEE DASH 189																																								
557		FIX., HANDLING, C/M PSA		2900938-021			NAS9-497	B	II	NOTE IIC	FOR DIMENSIONS SEE DASH 141 VALUES																																								
556		FIX., MOUNTING G&N	(-144)	2900067-041			NAS9-497	B	II	NOTE IIC	FOR DIMENSIONS SEE DASH 500 VALUES																																								
555	AC	OPTICAL UNIT ASSEMBLY		1021368-061			NAS9-497	A	I	NOTE IIB	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.488	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
554	AC	OPTICAL UNIT ASSEMBLY		1021368-051			NAS9-497	A	I	NOTE IIB	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
553	AC	OPTICAL UNIT AND BELLOWS ASS'Y		2010790-111			NAS9-497	A	I	NOTE IIB	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
552	AC	OPTICAL UNIT AND BELLOWS ASS'Y		2010790-081			NAS9-497	A	I	NOTE IIB	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
551	AC	OPTICAL UNIT AND BELLOWS ASS'Y		2010790-071			NAS9-497	A	I	NOTE IIB	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
550	AC	OPTICAL UNIT AND BELLOWS ASS'Y		2010790-061			NAS9-497	A	I	NOTE IIB	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
548		CAGING ELECTRONICS, GYRO		2900025-031			NAS 9-497	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	1.938	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
547		CSL, CAL AND TEST, SCM/PSAAM		2900895-021			NAS9-497	B	II	NOTE IIC	4.125	1.812	3.250	NA	.125	.062	.12	.156	1.938	.125	.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
546		FIX, HAND., C/M AND LEM CDU		2900999-021			NAS 9-497	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	1.938	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
545	AC	G&N INDICATOR CONTROL, PANEL ASSY		2014578-021			NAS9-497	A	I	NOTE IIB	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.906	.688	1.500	NA	.281	.125	NA	1.094	2.662	.312	NA	2.500	.062	.125	1.312	.469	NA	NA	NA	.156	NA	.125	.469	.344	NA
544		ADPT MODULE, P.S.A.		1902431-051			NAS 9-497	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	1.938	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
543																																																
542	AC	FIXTURE, MOUNTING, IMU		2900000-021			NAS 9-497	B	II	NOTE IIC	4.125	1.812	3.250	NA	.125	.062	.12	.156	1.938	.125	.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	A0	.25	3.875
541	AC	PANEL, MONITOR		2900031-041			NAS9-497	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	1.938	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.25	1.938
540		ADPT, TEST POINT, P.S.A.		2900057-031			NAS 9-497	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	1.938	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
539	AC	INDICATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-061				A	I	NOTE IIB	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
538	AC	ANNUNCIATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		1021255-051				A	I	NOTE IIB	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
537	AC	TEST SELECTOR		2900028-081				B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	1.938	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
536	AC	ANALYZER, OPTICS-INERTIAL		2900023-041				B	III	NOTE IIC	4.125	1.812	3.250	NA	.125	.062	.12	.156	1.938	.125	.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
535	AC	CONT. TEMP. PORTABLE		2900060-051				B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	1.938	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
534	AC	COMPUTER CONT & RETICLE DIMMER		6014515-021				A	I	NOTE IIB	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
533	AC	ADPT MODULE, P.S.A.		1902431-041				B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	1.938	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
532	AC	TRAY BREAKOUT, 105 PIN		1900807-021							4.125	1.812	3.250		.125	.062	.12	.156	1.938	.125	.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021							4.125	1.812	3.250		.125	.062	.12	.156	1.938	.125	.625	1.140	.890	.640	.390	.125	.171	.125	1.875	1.687	2.625	.250	.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
530	AC	HEAT SINK - TRAY EXTENDER		1900808-021							2.125	.968	1.718		.093	.031	.06	.093	1.938	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
529	AC	TESTER, FAILURE INDICATOR		1900809-021							2.125	.968	1.718	NA	.093	.031	.06	.093	1.938	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
527	AC	FIX, MOUNTING, G AND N	(-141)	1902204-021						FOR DIMENSIONS, SEE DASH 500 VALUE BELOW																																						
526	AC	FIX, MOUNTING, G AND N	(-144)	2900067-031																																										
525	AC	PORTABLE TEMP. CONTROLLER		1900496-021				B	II	NOTE IIC	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718	1.187	.968	.749	1.452	.093	.295	.093	1.312	1.00	2.000	.250	1.687	2.750	.062	N/A	NA	.463	.125	.562	2.437	.140	2.562	.090	.468	.359	2.750
524	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY C/M		2010743				A	I	NOTE IIB	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.23	.16	NA
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY - LEM		6010656																																										
522	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - LEM		2010744						FOR DIMENSIONS, SEE DASH 508 VALUE BELOW																																						
521	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - C/M		2010744																																										
520	AC	PAR ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745				A	I	NOTE IIB																																						
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011				B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
518	AC	JUNCTION BOX, G&E-PSA	(-144)	1901933-031				B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
517	AC	FIX, HAND., OPTICS INSTL.	(-141)	2011380-011				B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 502 VALUES BELOW																																						
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY-LEM		6010655			NAS 9-497	A	I	NOTE IIB	FOR DIMENSIONS SEE DASH 508 VALUES BELOW																																						
514	AC	SIGNAL COND. ASSY. LEM OPER.	(-100)	6007013			NAS-9-497	A	I	NOTE IIB	FOR DIMENSIONS SEE DASH 508 VALUES BELOW																																						
513		JUMPER, BY-PASS	(-141)	1021616				B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	1.938	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
512		COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322-011				A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
511		COUPLING DATA UNIT ASSEMBLY - LEM	(-100)	2007322-021																																											
510		BATTERY POWER PACK	(-144)	1900011-041				B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUE BELOW																																						
509		JUNCTION BOX, P.S.A./G.S.E.	(-144)	1902195-021				B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUE BELOW																																						
508		NAVIGATION BASE ASSEMBLY - LEM	(-100)	6010680				A	I	NOTE IIB	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
507		CSL, CAL AND PAR, G AND N	(-144)	1902134-041				B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUE BELOW																																						
506		BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011-011																																											
505		MONITOR AND CONTROL, TEMP	(-141)	2900026-021																																										
504		PAR SUB, GUIDANCE SYSTEM	(-141)	1900033-021							2.125	.968	1.718	NA	.093	.031	.06	.093	1.938	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
503		CONTROL, GIMBAL POSITION	(-141)	1900045-021																																											
502		ADPT, TEST POINT, PTA/PEA,	(-141)	1902145-021																																											
501		MOUNTING PLATE, COMPONENT	(-144)	2900067-031																																										
500	AC	MOUNTING PLATE, COMPONENT	(-144)	2900067-021				B	II	NOTE IIC	4.125	1.812	3.250	NA	.125	.062	.12	.156	1.938	.25	.625	1.140	.890	.640	1.390	.125	.171	.25	1.875	1.687	2.625	.250	.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

STY	DASH	DESCRIPTION	BY	CHK	DATE	APP
AG		CHANGED NUMBER OF SHEETS FROM 5 TO 6 PER TDRR 25110	RAJ		2-7-66	
AH		REVISED PER TDRR 26372	"		3-16-66	
AJ		REVISED PER TDRR 26425	"		3-16-66	
AK		REVISED PER TDRR 26743	"		3-16-66	
AL		REVISED PER TDRR 26796	"		3-16-66	
AM		REVISED PER TDRR 27058	"		4-7-66	
AN		REVISED PER TDRR 27235	"		4-7-66	
AP		REVISED PER TDRR 27345	"		4-7-66	
AR		REVISED PER TDRR 27417	"		4-7-66	
AS		REVISED PER TDRR 27442	"		4-7-66	
AT		REVISED PER TDRR 27719	"		4-22-66	
AU		REVISED PER TDRR 27680	"		4-22-66	
AV		REVISED PER TDRR 27896	"		4-22-66	
AW		" " " 28117	"		5-16-66	
AY		" " " 26173	"		5-16-66	
AZ		" " " 28131	"		5-16-66	
BA		" " " 28124	"		5-16-66	
BB		REVISED PER TDRR 28511	"		5-16-66	
BC		" " " 28949	"		6-29-66	
BD		" " " 29222	"		6-29-66	
BE		" " " 29235	"		-	
BF		" " " 29322	"		6-29-66	
BG		" " " 29429	"		-	
BH		" " " 29449	"		-	
BJ		" " " 29535	"		-	
BK		" " " 29619	"		-	
BL		" " " 29696	"		6-29-66	
BM		REVISION STATUS CHANGED	JSD	N.S.	7-29-66	
BN		REVISED PER TDRR 29974	JT		8-26-66	
BP		REVISION STATUS CHANGED	JT			
BR		REVISION STATUS CHANGED	JT			
BS		REVISED PER TDRR 30530	GW			
BT		REVISED PER TDRR 30543	GW			
BU		REVISED PER TDRR 30898	EH			
BV		REVISED PER TDRR 31241	JJB			
BW		REVISION STATUS CHANGED	JJB			
BY		REVISED PER TDRR 31341	JJB		10 OCT 66	
BZ		REVISED PER TDRR 31393	JJB		10 OCT 66	
CA		REVISED PER TDRR 31593	JJB		25 OCT 66	
CB		REVISED PER TDRR 32187	REF		16 DEC 66	
CC		REVISED PER TDRR 32512	AF			
CD		REVISION STATUS CHANGED	DR			
CE		REVISION STATUS CHANGED	SMTL			
CF		REVISED PER TDRR 33558	DMH			
CG		REVISED PER TDRR 33968	A.N.			

(AG) THIS SHEET ADDED

A/C ELECTRONICS DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIGURE NO.
			LIST OF MATERIALS	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μF
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± , DECIMALS ± .005 , ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 11
APPLICABLE NEXT ASSY | USED ON | APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN R. A. Lowe 2-15-66
CHECKED R. A. Lowe 2-15-66
APPROVED
APPROVED
APPROVED MIT
APPROVED MSC

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO 80230 | SIZE E | DRAWING NO. 1004260 | SHEET 6 OF 6 | SCALE NONE | DATE

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SER NO.	CONT NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
560		ADPT. MODULE, PSA		2901143-021			NAS9-497	B	II	NOTE IIC	FOR DIMENSIONS SEE DASH 141 VALUES																																						
559		CSL, CAL AND TEST, SCM/PSAAM		2900895-031			FOR OTHER DATA SEE DASH 547																																										
558		PSA ADAPTER MODULE (LEM)		6900088-021			FOR OTHER DATA SEE DASH 189																																										
557		FIX., HANDLING, C/M PSA		2900998-021			NAS9-497	B	II	NOTE IIC	FOR DIMENSIONS SEE DASH 141 VALUES																																							
556		FIX., MOUNTING G&N	(-144)	2900067-041			NAS9-497	B	II	NOTE IIC	FOR DIMENSIONS SEE DASH 500 VALUES																																							
555	AC	OPTICAL UNIT ASSEMBLY		1021368-061			NAS9-497	A	I	NOTE IIB	2.000	1.312	1.687	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
554	AC	OPTICAL UNIT ASSEMBLY		1021368-051			NAS9-497	A	I	NOTE IIB	2.000	1.312	1.687	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
553	AC	OPTICAL UNIT AND BELLOWS ASS'Y		2010790-111			NAS9-497	A	I	NOTE IIB	2.000	1.312	1.687	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
552	AC	OPTICAL UNIT AND BELLOWS ASS'Y		2010790-081			NAS9-497	A	I	NOTE IIB	2.000	1.312	1.687	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
551	AC	OPTICAL UNIT AND BELLOWS ASS'Y		2010790-071			NAS9-497	A	I	NOTE IIB	2.000	1.312	1.687	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
550	AC	OPTICAL UNIT AND BELLOWS ASS'Y		2010790-061			NAS9-497	A	I	NOTE IIB	2.000	1.312	1.687	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
548		CAGING ELECTRONICS, GYRO		2900029-031			NAS 9-497	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	106	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
547		CSL, CAL AND TEST, SCM/PSAAM		2900895-021			NAS-9-497	B	II	NOTE II C	4.125	1.812	3.250	NA	.125	.062	.12	.156	106	.125	1.625	1.140	.890	640K	390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
546		FIX., HAND., C/M AND LEM CDU		2900999-021			NAS-9-497	B	II	NOTE II C	2.125	.968	1.718	NA	.093	.031	.06	.093	106	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
545	AC	GEN INDICATOR CONTROL PANEL ASSY		2014578-021			NAS9-497	A	I	NOTE II B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.150	1.125	.906	668	1.500	NA	281	.125	NA	1.094	2.062	.312	NA	2.500	.062	.125	1.312	.469	NA	NA	NA	.156	NA	.125	.469	.344	NA
544		ADPT MODULE, P.S.A.		1902431-051			NAS-9-497	B	II	NOTE II C	2.125	.968	1.718	NA	.093	.031	.06	.093	106	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
543																																																
542		FIXTURE, MOUNTING, IMU		2900000-021			NAS 9-497	B	II	NOTE IIC	4.125	1.812	3.250	NA	.125	.062	.12	.156	106	.125	1.625	1.140	.890	640	390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
541	AC	PANEL, MONITOR		2900031-041			NAS9-497	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	106	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.25	1.938
540		BATTERY PACK, LIFTING		2900812-021			NAS9-497	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	106	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
539		ADPT, TEST POINT, P.S.A.		2900037-031			NAS 9-497	B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	106	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
538	AC	ANNUNCIATOR PANEL AND EYEPIECE SIGNAGE ASSEMBLY		1021285-051				A	I	NOTE IIB	2.000	1.312	1.906	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
537	AC	TEST SELECTOR		2900028-031				B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	106	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
536	AC	ANALYZER, OPTICS-INERTIAL		2900023-041				B	II	NOTE IIC	4.125	1.812	3.250	NA	.125	.062	.12	.156	106	.125	1.625	1.140	.890	640	390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
535	AC	CONT. TAP, MOPT-PSA		2900060-041				B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	106	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
534	AC	COMPUTER CONT & RETICLE DIMMER		6004518-021				A	I	NOTE IIB	2.000	1.312	1.906	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
533	AC	ADPT MODULE, P.S.A.		1902431-041				B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	106	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
532	AC	TRAY BREAKOUT, 108 PIN		1900867-021							4.125	1.812	3.250		.125	.062	.12	.156	106	.125	1.625	1.140	.890	640	390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021							4.125	1.812	3.250		.125	.062	.12	.156	106	.125	1.625	1.140	.890	640	390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
530	AC	HEAT SINK - TRAY EXTENDER		1900808-021							2.125	.968	1.718		.093	.031	.06	.093	106	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
529	AC	TESTER, FAILURE INDICATOR		1900809-021							2.125	.968	1.718	NA	.093	.031	.06	.093	106	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
527	AC	FIX, MOUNTING, 5 AND N	(-144)	1902804-021							FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
526	AC	FIX, MOUNTING G AND N	(-144)	2900067-031																																											
525	AC	PORTABLE TEMP. CONTROLLER		1900496-021				B	II	NOTE IIC	3.000	1.937	2.437	.312	.125	.031	.25	.156	.125	.125	1.718	1.187	.968	.749	1.452	.093	.295	.40	1.812	1.00	2.000	.250	1.687	2.750	.062	NA	NA	.463	.125	.962	2.437	.140	2.562	.090	.468	.359	2.750
524	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY C/M		2010743				A	I	NOTE IIB	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY - LEM		6010656																																											
522	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - LEM		2010744																																											
521	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - C/M		2010744																																											
520	AC	FIBER ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745				A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011				B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
518	AC	JUNCTION BOX, GSE-PSA	(-144)	901933-031				B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
517	AC	FIX, HAND., OPTICS INSTL.	(-141)	2021380-011				B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY-LEM		6010655			NAS 9-497	A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007013			NAS-9-497	A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
513		JUMPER, BY-PASS	(-141)	1021616				B	II	NOTE IIC	2.125	.968	1.718	NA	.093	.031	.06	.093	106	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
512		COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322-011				A	I	NOTE IIB	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																						
511		COUPLING DATA UNIT ASSEMBLY - LEM	(-100)	2007322-021																																											
510		BATTERY POWER PACK	(-44)	1900011-041				B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
509		JUNCTION BOX, P.S.A./G.S.E.	(-144)	1902195-021				B	II	NOTE IIC																																						
508		NAVIGATION BASE ASSEMBLY - LEM	(-101)	6899980				A	I	NOTE IIB	2.000	1.312	1.906	.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
507		CSL, CAL AND PWR, G AND N	(-144)	1902134-041				B	II	NOTE IIC	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
506		BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011-011																																											
505		MONITOR AND CONTROL, TEMP	(-141)	2900026-021																																										
504		PWR SUP, GUIDANCE SYSTEM	(-141)	1900033-021							2.125	.968	1.718	NA	.093	.031	.06	.093	106	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
503		CONTROL, GIMBAL POSITION	(-141)	2900036-021							FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																						
502		ADPT, TEST POINT, PTA/PEA	(-141)	2900145-021																																											
501		MOUNTING PLATE, COMPONENT	(-144)	6900067-03																																										
500	AC	MOUNTINGS PLATE, COMPONENT	(-144)	2900077-02			NAS 9-497	B	II	NOTE IIC	4.125	.812	3.250	NA	.125	.062	.12	.156	106	.25	.625	1.140	.890	.640	1.390	.125	.171	.25	1.875	.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

ZONE	REVISIONS DESCRIPTION	BY	DATE
AG	CHANGED NUMBER OF SHEETS FROM 5 TO 6 PER TDRR 26110	RWJ	
AH	REVISED PER TDRR 26272		
AJ	REVISED PER TDRR 26428		
AK	REVISED PER TDRR 26743		
AL	REVISED PER TDRR 26790		
AM	REVISED PER TDRR 27108		
AN	REVISED PER TDRR 27235		
AP	REVISED PER TDRR 27345		
AR	REVISED PER TDRR 27417		
-S	REVISED PER TDRR 27442		
AT	REVISED PER TDRR 27719		
AU	REVISED PER TDRR 27880		
AV	REVISED PER TDRR 27896		
AW	28116		
AY	28173		
AZ	28131		
BA	28124		
BB	REVISED PER TDRR 28511		
BC	28349		
BD	29222		
BE	29235		
BF	29322		
BG	29429		
BH	29449		
BJ	29535		
BK	29619		
BL	29696		
BM	REVISION STATUS CHANGED	JSD	
BN	REVISED PER TDRR 29942		
BP	REVISION STATUS CHANGED	EE	
BR	REVISION STATUS CHANGED	JE	
BS	REVISED PER TDRR 30530	GW	
BT	REVISED PER TDRR 30543	GW	
BU	REVISED PER TDRR 30898	EM	
BV	REVISED PER TDRR 31241	JJB	
BW	REVISION STATUS CHANGED	JJB	
BY	REVISED PER TDRR 31341	JJB	
BZ	REVISED PER TDRR 31393	JJB	
CA	REVISED PER TDRR 31593	JJB	
CB	REVISED PER TDRR 32187		
CC	REVISED PER TDRR 32512	AF	
CD	REVISION STATUS CHANGED	DR	
CE	REVISION STATUS CHANGED	DATE	
CF	REVISED PER TDRR 33558	DATE	
CG	REVISED PER TDRR 33968	A.N.	
CH	REVISED PER TDRR 34010		

(AG) THIS SHEET ADDED

A.C ELECTRONICS DASH NUMBERS

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON FRACTIONS ± ——, DECIMALS ± .005, ANGLES ± ——
DO NOT SCALE THIS DRAWING

MATERIAL SEE NOTE 11

AS APPLICABLE
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN E. Wynne 2-15-66
CHECKED [illegible] 4-15-66
APPROVED
APPROVED
APPROVED MIT [illegible]
APPROVED MSC
DATE

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

CODE IDENT NO. 80230
SIZE E
DRAWING NO. 1004260
SCALE NONE
SHEET 1 OF 1

ITEM	ZONE	DESCRIPTION	BY	CHK	APP'D	DATE
AG		CHANGED NUMBER OF SHEETS FROM 5 TO 6 PER TDRR 26110				
AH		REVISED PER TDRR 26275				
AJ		REVISED PER TDRR 26488				
AK		REVISED PER TDRR 26748				
AL		REVISED PER TDRR 26798				
AM		REVISED PER TDRR 27168				
AN		REVISED PER TDRR 27239				
AP		REVISED PER TDRR 27345				
AR		REVISED PER TDRR 27417				
AS		REVISED PER TDRR 27442				
AT		REVISED PER TDRR 27719				
AU		REVISED PER TDRR 27880				
AV		REVISED PER TDRR 27896				
AW		" " 28110				
AY		" " 28173				
AZ		" " 28131				
BA		" " 28126				
BB		REVISED PER TDRR 28595				
BC		" " 28549				
BD		" " 29212				
BE		" " 29235				
BF		" " 29322				
BG		" " 29429				
BH		" " 29469				
BJ		" " 29539				
BK		" " 29619				
BL		" " 29696				
BM		REVISION STATUS CHANGED	JJB			
BN		REVISED PER TDRR 29990				
BP		REVISION STATUS CHANGED				
BR		REVISION STATUS CHANGED				
BS		REVISED PER TDRR 30330	GW			
BT		REVISED PER TDRR 30549	GW			
BU		REVISED PER TDRR 30896	EH			
BV		REVISED PER TDRR 31241	JJB			
BW		REVISION STATUS CHANGED	JJB			
BY		REVISED PER TDRR 31341	JJB			
BZ		REVISED PER TDRR 31393	JJB			
CA		REVISED PER TDRR 31595	JJB			
CB		REVISED PER TDRR 32189	JJB			
CC		REVISED PER TDRR 32512	AF			
CD		REVISION STATUS CHANGED	DR			
CE		REVISION STATUS CHANGED				
CF		REVISED PER TDRR 33558				
CG		REVISED PER TDRR 33968				
CH		REVISED PER TDRR 34010				
CJ		REVISED PER TDRR 34057				

DASH NO.	P/C	PART NAME	REMARKS	PART NO.	SPEC NO.	CAT NO.	STY	ST-PE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AH	AL	AH	AJ	AK	AL	AM	AN	AP	AR
542	AC	COMPUTER CONT & RETICLE DIMMER		6014512-041		NAS9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534 VALUES																																				
561	AC	G&N INDICATOR CONTROL PANEL ASSY		2014578-031		NAS9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181 VALUES																																				
560		ADPT. MODULE, PSA		2901143-021		NAS9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES																																				
559		CSL, CAL AND TEST, SCM/PSAAM		2900895-251						FOR OTHER DATA SEE DASH 547																																				
558		PSA ADAPTER MODULE (LEM)		4900088-021						FOR OTHER DATA SEE DASH 189																																				
557		FIX., HANDLING, C/M PSA		2900938-021		NAS9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES																																				
556		FIX., MOUNTING G&N	(-144)	2900067-041		NAS9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES																																				
555	AC	OPTICAL UNIT ASSEMBLY		1021368-041		NAS9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
554	AC	OPTICAL UNIT ASSEMBLY		1021368-051		NAS9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
553	AC	OPTICAL UNIT AND BELLOWS ASS'Y		2010790-111		NAS9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
552	AC	OPTICAL UNIT AND BELLOWS ASS'Y		2010790-081		NAS9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
551	AC	OPTICAL UNIT AND BELLOWS ASS'Y		2010790-071		NAS9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
550	AC	OPTICAL UNIT AND BELLOWS ASS'Y		2010790-061		NAS9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
548		CAGING ELECTRONICS, GYRO		2360029-031		NAS 9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	2.50	1.875	NA	1.840	.046	.23	.16	1.938
547		OPTICAL AND TEST, SCM/PSAAM		2900895-031		NAS9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
546		FIX., HANDL C/M AND LEM CDU		2900999-021		NAS9-498	B	II	NOTE 11C	2.125	1.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	2.50	1.875	NA	1.840	.046	.23	.16	1.938
545	AC	G&N INDICATOR CONTROL PANEL ASSY		2014578-021		NAS9-497	A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.906	.688	1.500	NA	.281	.125	NA	1.094	2.662	.312	NA	2.500	.062	.125	1.312	.469	NA	NA	.156	NA	.125	.469	.344	NA
		ADPT MODULE, P.S.A.		1902431-051		NAS9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.349	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
544		FIXTURE, MOUNTING, IMU		2900000-021		NAS 9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
543		PANEL, MONITOR		2900031-041		NAS9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
542		BATTERY PACK, LIFTING		2900812-021		NAS 9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
401		ADPT. TEST UNIT, P.S.A.		2901037-031		NAS 9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
539		CONTROL PANEL AND EYEPIECE STORAGE ASSEMBLY		4021855-041			A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
538		G&N INDICATOR PANEL AND EYEPIECE STORAGE ASSEMBLY		4021855-051			A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
537	AC	TEST SELECTOR		2900078-031			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
536	AC	ANALYZER, POWER-INERTIAL		2900025-041			A	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
535	AC	CONT. TEMP. MONITOR		2900066-031			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
534	AC	COMPUTER CONT & RETICLE DIMMER		6014512-021			A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.376	.218	NA	NA	.048	.031	.875	.305	.078	.53	1.906	.078	NA	.078	.531	.187	NA
533	AC	ADPT MODULE, P.S.A.		1902431-041			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
532	AC	TRAY BREAKOUT, 105 PIN		1900807-021						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021						4.125	1.812	3.250		.125	.062	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093			.359	.125	.437	3.688		3.687	.093	.40	.25	3.875
530	AC	HEAT SINK, TRAY EXTENDER		1900808-021						.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046			.209	.093	.250	1.875		1.840	.046	.23	.16	1.938
529	AC	TESTER, FAILURE INDICATOR		1900809-021						4.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
527	AC	FIX., MOUNTING, "B" ARD, N	(-144)	2902264-021			B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW																																		
526	AC	FIX., MOUNTING, "A" ARD, N	(-144)	2900067-031																																								
526	AC	PORTABLE TEMP. CONTROLLER		1900496-021			B	II	NOTE 11C	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718	1.187	.968	.749	1.452	.093	.295	.094	1.312	1.00	2.000	.250	1.687	2.750	.062	NA	NA	.463	.125	.562	2.437	.140	2.562	.390	.468	.359	2.750
524	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY C/M		2010743			A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.40	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.23	.16	NA
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY - LEM		6010656						FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																		
522	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - LEM		2010744																																								
521	AC	COUPLING DATA UNIT AND THERMOCOUPLE ASSEMBLY - C/M		2010744																																								
520	AC	DATA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745			2	I	NOTE 11B																																			
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900128-011			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																		
518	AC	JUNCTION BOX, GSE-PSA	(-144)	901933-031			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 502 VALUES BELOW																																		
517	AC	FIX, HAND., OPTICS INSTL.	(-141)	2-380-01			B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 502 VALUES BELOW																																		
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY - LEM		6010655		NAS 9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW																																		
514	AC	SIGNAL COND. ASSY. LEM OPER.	(-100)	6007013		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW																																		
513		JUMPER, BY-PASS	(-141)	021616			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
512		COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2010730-01			A	I	NOTE 11B	FOR DIMENSIONS, SEE DASH 508 VALUES BELOW																																		
511		COUPLING DATA UNIT ASSEMBLY - LEM	(-100)	2010730-021																																								
510		BATTERY POWER PACK	(-144)	4900111-041			B	II	NOTE 11C	FOR DIMENSIONS, SEE DASH 500 VALUES BELOW																																		
509		JUNCTION BOX, PSA/GSE	(-144)	1902195-051			B	II	NOTE 11C																																			
508		NAVIGATION BASE ASSEMBLY - LEM	(-100)	6010680			A	I	NOTE 11B	2.125	.968	1.718	1.45	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.03	.875	.305	.078	.53	1.906	.078	NA	.078	.531	.187	NA
507		CSL, COUL AND PWR, G AND N	(-141)	1902134-041			B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW																																		
506		BREAKOUT BOX, CABLE ADAPTER	(-141)	2900111-011																																								
505		MONITOR AND CONTROL, TEMP	(-141)	2900106-021																																								
504		PWR SUP, GUIDANCE SYSTM	(-141)	1900033-021						2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
503		CONTROL, GIMBAL POSITION	(-141)	1900107-021																																								
502		ADPT, TEST POINT, PTA/PEA	(-141)	1900145-021																																								
501		MOUNTING PLATE, EQUIPMENT	(-124)	1900047-03																																								
500	AC	MOUNTING PLATE, EQUIPMENT	(-144)	1900047-031			B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW																																		

A.C ELECTRONICS DASH NUMBERS

(AG) THIS SHEET ADDED

NOTES FOR TABLE

STYLE A IS FOR G&N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

QTY REQD	PART OR IDENTIFYING NO	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	REF DES
			LIST OF MATERIALS	

MIT INSTRUMENTATION LAB, CAMBRIDGE MASS.

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN E. Lyons 2/5/66
CHECKED [illegible] 2/15/66
APPROVED
APPROVED

NAMEPLATES, APOLLO G&N-GSE (STANDARDS)

APPROVED MIT [illegible]
APPROVED MSC

CODE IDENT NO 80230 | SIZE E | DRAWING NO 1004260

DATE | SCALE NONE | SHEET 1 OF 6

NEXT ASSY | USED ON | APPLICATION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. CAPACITOR VALUES ARE IN μF, RESISTOR VALUES ARE IN OHMS. TOLERANCES ON FRACTIONS DECIMALS ANGLES # ± .005 .XX ± DO NOT SCALE THIS DRAWING

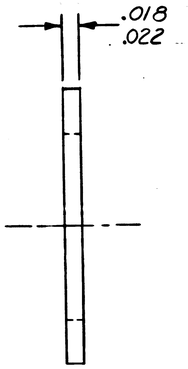
MATERIAL SEE NOTE 11

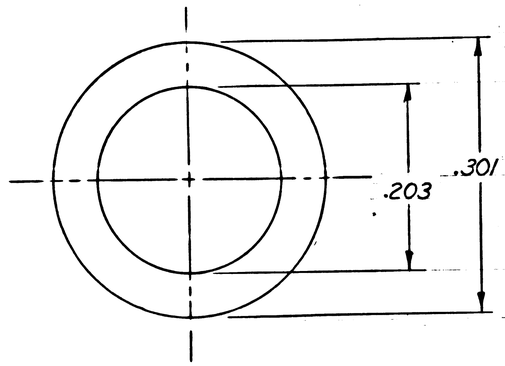
| | | |

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

1004546

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
—	CLASS A RELEASE PER TORR 02918	9/5/63	





NOTES
1. MAT'L : 303 CRES CLASS 303 COND A PER QQ-S-763
2. PASSIVATE PER MIL-F-14072 FINISH E300 TYPE I
3. SURFACE QUALITY 63√
4. REMOVE ALL BURRS & SHARP EDGES
5. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.
		LIST OF MATERIALS	

1003524	
NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± DECIMALS ±.005 ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 1
HEAT TREATMENT NONE
FINAL FINISH SEE NOTE 2

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG. NO. CONTRACT
DRAWN F. Meham DATE 22Aug63
CHECKED R.H. Brenden 26Aug63
APPROVAL V. Jensen Aug 28/63
APPROVAL Sutton Stall 5 Sept 63
NASA APPROVAL [illegible] 9/6/63
MIT APPROVAL
MIT APPROVAL D Hatzel 9/5/63

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

WASHER, FLAT
AGC KEYBOARD AND DISPLAY

CODE IDENT NO.	SIZE	NASA DRAWING NO.
—	C	1004546
SCALE 10/1	WT	SHEET 1 OF 1

MASTER

INCHES
0 1 2
PHOTOGRAPHIC SCALE ONLY

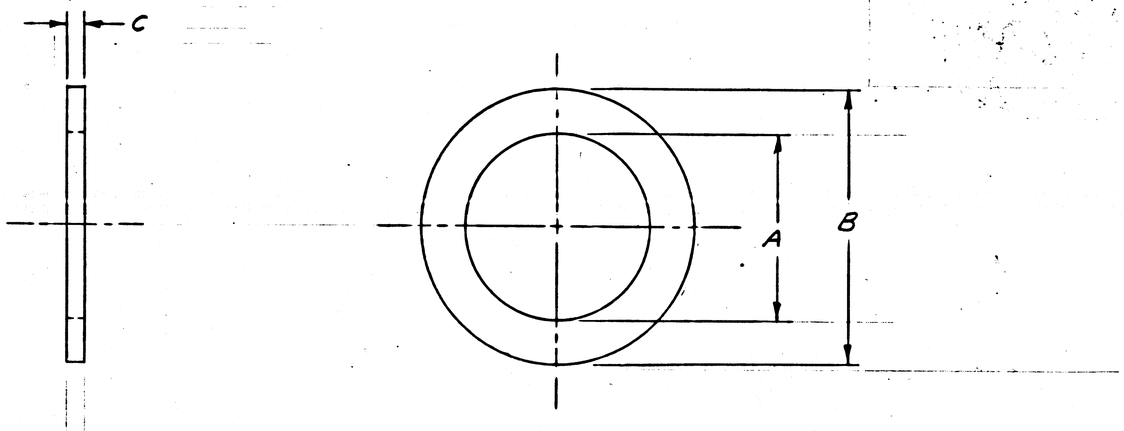
1004546

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

1004546 A

SYM	REVISIONS DESCRIPTION	DATE	APPROVAL
—	CLASS A RELEASE PER TDRR 02910	9/5/63	
A	REVISED PER TDRR 04739	11-9-63	

PART NO.	DIM. A		DIM. B		DIM. C	
	MAX	MIN	MAX	MIN	MAX	MIN
-1	.200	.190	.299	.295	.022	.018
-2	.154	.146	.312	.302	.034	.026
-3	.176	.168	.299	.295	.022	.018



NOTES

1. MAT'L : 303 CRES CLASS 303 COND A PER QQ-S-763
2. PASSIVATE PER MIL-F-14072 FINISH E300 TYPE I
3. SURFACE QUALITY 63
4. REMOVE ALL BURRS & SHARP EDGES
5. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

MASTER

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS ± DECIMALS ±.005 ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 1
HEAT TREATMENT NONE
FINAL FINISH SEE NOTE 2

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS. DWG. NO. CONTRACT

DRAWN F. Mehan DATE 22 Aug 63
CHECKED R. Bonham 22 Aug 63
APPROVAL W. Jensen Aug 28 63
APPROVAL E. Copeland 5 Sept 63
NASA APPROVAL W. Mitchell 9/16/63
MIT APPROVAL
MIT APPROVAL L. Hatfield 9/5/63

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

WASHER, FLAT

CODE IDENT NO. —
SIZE C
NASA DRAWING NO. 1004546
SCALE 10/1
WT
SHEET 1 OF 1

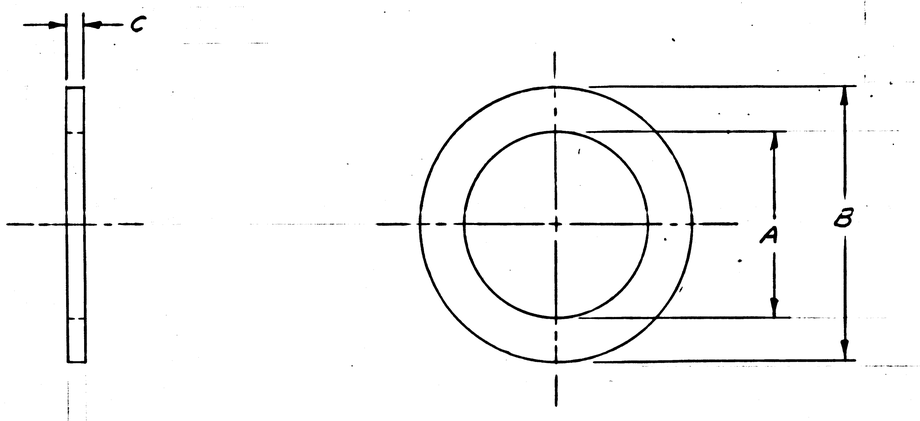
INCHES 0 1 2
PHOTOGRAPHIC SCALE ONLY

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

1004546 B

SYM	DESCRIPTION	DATE	APPROVAL
—	CLASS A RELEASE PER TDRR 02918	9/5/63	
A	REVISED PER TDRR 04739	11-4-63	
B	REVISED PER TDRR 05770	1-21-64	

PART NO.	DIM. A		DIM. B		DIM. C	
	MAX	MIN	MAX	MIN	MAX	MIN
-1	.208	.203	.299	.295	.022	.018
-2	.154	.146	.312	.302	.034	.026
-3	.181	.176	.299	.295	.022	.018



NOTES

1. MAT'L : 303 CRES CLASS 303 COND A PER QQ-S-763
2. PASSIVATE PER MIL-F-14072 FINISH E300 TYPE I
3. SURFACE QUALITY 63
4. REMOVE ALL BURRS & SHARP EDGES
5. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

MASTER

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS ± DECIMALS ±.005 ANGLES ±
DO NOT SCALE THIS DRAWING

MATERIAL: SEE NOTE 1

HEAT TREATMENT: NONE

FINAL FINISH: SEE NOTE 2

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG. NO. — CONTRACT —

DRAWN F. Mehan DATE 22 Aug 63
CHECKED R.T. Brandon 22 Aug 63
APPROVAL W. Jensen Aug 22/63
APPROVAL E. Copeland 22 Aug 63
NASA APPROVAL [illegible] 9/4/63
MIT APPROVAL —
MIT APPROVAL D. Hoyt 9/5/63

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

WASHER, FLAT

CODE IDENT NO. —
SIZE C
NASA DRAWING NO. 1004546
SCALE 10/1
WT
SHEET 1 OF 1

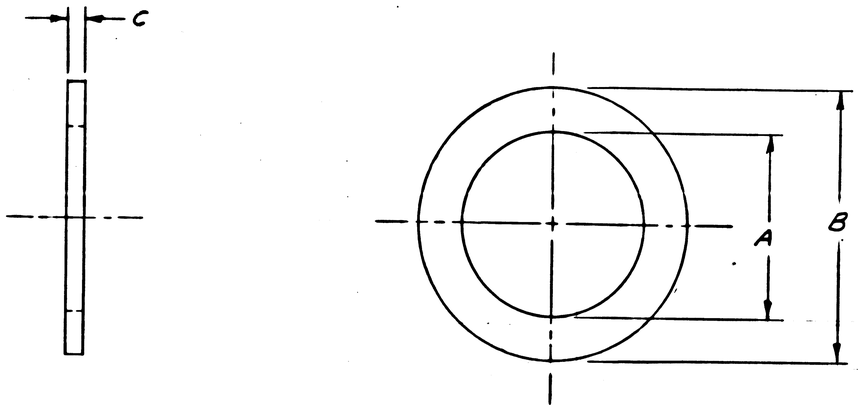
1004546 B

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

1004546 C

SYM	DESCRIPTION	DATE	APPROVAL
—	CLASS A RELEASE PER TDRR 02910	7/15/63	
A	REVISED PER TDRR 04739	11-4-63	
B	REVISED PER TDRR 05770	1-21-64	
C	REVISED PER TDRR 12092 DR M. RIPLEY CHK RTM	8/21/64	

PART NO.	DIM. A		DIM. B		DIM. C	
	MAX	MIN	MAX	MIN	MAX	MIN
-1	.208	.203	.299	.295	.022	.018
-2	.154	.146	.312	.302	.034	.026
-3	.181	.176	.299	.295	.022	.018



NOTES

1. MAT'L 303 CRES CLASS 303 COND A PER QQ-S-763
   ALT: 302 CRES CLASS 303 COND A PER QQ-S-763
2. PASSIVATE PER MIL-F-14072 FINISH E300 TYPE I
3. SURFACE QUALITY 63
4. REMOVE ALL BURRS & SHARP EDGES
5. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.
		LIST OF MATERIALS	

1003074	
1003174	
NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± DECIMALS ±.005 ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 1
HEAT TREATMENT NONE
FINAL FINISH SEE NOTE 2

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG. NO. CONTRACT

DRAWN F. Meham DATE 22 Nov 63
CHECKED R.T. Boston 26 Nov 63
APPROVAL V. Duncan Nov 28 63
APPROVAL [illegible] 29 Nov 63
NASA APPROVAL [illegible] 9/1/64
MIT APPROVAL
MIT APPROVAL D. Hagel 9/3/64

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

WASHER, FLAT

CODE IDENT NO.	SIZE	NASA DRAWING NO.
—	C	1004546
SCALE 10/1	WT	SHEET 1 OF 1

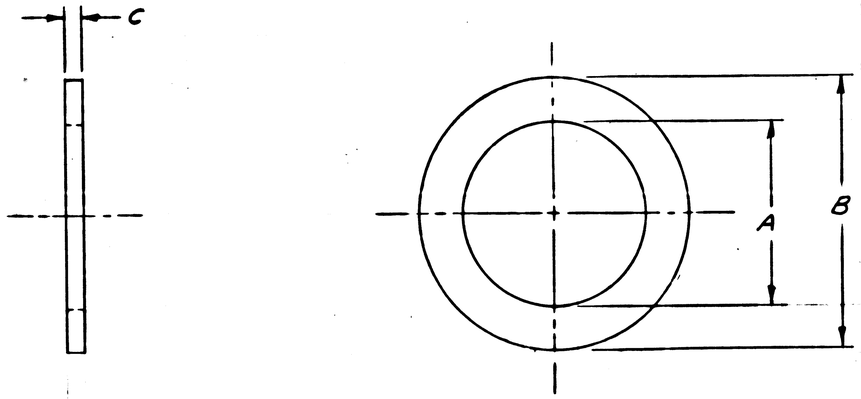
1004546 C

1004546 D

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

SYM	DESCRIPTION	DATE	APPROVAL
—	CLASS A RELEASE PER TDRR 02918	7/5/63	
(M) A	REVISED PER TDRR 04739	11-19-63	
(M) B	REVISED PER TDRR 05770	1-21-64	
(M) C	REVISED PER TDRR 12092 DR M. RIPLEY CHK RTM	8/21/64	
(M) D	REVISED PER TDRR 19013 DR J.P. CHK	5/29/65	

PART NO.	DIM. A		DIM. B		DIM. C	
	MAX	MIN	MAX	MIN	MAX	MIN
-1	.208	.203	.299	.295	.022	.018
-2	.154	.146	.312	.302	.034	.026
-3	.181	.176	.299	.295	.022	.018
-4	.164	.158	.292	.288	.022	.018



NOTES

1. MAT'L 303 CRES CLASS 303 COND A PER QQ-S-763
   ALT: 302 CRES CLASS 303 COND A PER QQ-S-763
2. PASSIVATE PER MIL-F-14072 FINISH E300. TYPE I
3. SURFACE QUALITY 63
4. REMOVE ALL BURRS & SHARP EDGES
5. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327

MASTER

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.
		LIST OF MATERIALS	

NEXT ASSY	USED ON
2003909	
1003074	
1003174	

APPLICATION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS ± DECIMALS ±.005 ANGLES ±
DO NOT SCALE THIS DRAWING

MATERIAL: SEE NOTE 1

HEAT TREATMENT: NONE

FINAL FINISH: SEE NOTE 2

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
BDG. NO. CONTRACT

DRAWN F. Mehan DATE 22 Aug 63
CHECKED R.T. Brandon E.K. Lang K.S.
APPROVAL Vogenson Aug 29 63
APPROVAL Peter Stahl 8 Sept 63
NASA APPROVAL H.M. Lueck 9/4/63
MIT APPROVAL
MIT APPROVAL D. Hatzel 9/5/63

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

WASHER, FLAT

CODE IDENT NO.	SIZE	NASA DRAWING NO.
—	C	1004546

SCALE 10/1 WT SHEET 1 OF 1

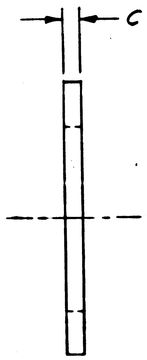
NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

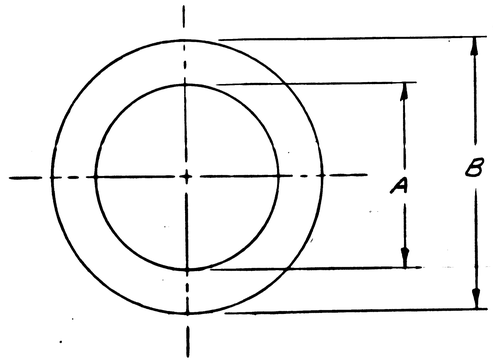
1004546 E

PART NO.	DIM. A		DIM. B		DIM. C	
	MAX	MIN	MAX	MIN	MAX	MIN
-1	.208	.203	.299	.295	.022	.018
-2	.154	.146	.312	.302	.034	.026
-3	.181	.176	.299	.295	.022	.018
-4	.164	.158	.292	.288	.022	.018
-5	1.145	1.135	1.500	1.475	.034	.026

REVISIONS

SYM	DESCRIPTION	DATE	APPROVAL
—	CLASS A RELEASE PER TDRR 02910	7/15/63	
A	REVISED PER TDRR 04739	11-19-63	
B	REVISED PER TDRR 05770	1-21-64	
C	REVISED PER TDRR 12092 DR M. RIPLEY CHK RTM	8/21/64	
D	REVISED PER TDRR 19013 DR J. P. CHK A. Logan	5/19/65	
E	REVISED PER TDRR 21332 DR B. Jones CHK A. Logan	8/13/65	





NOTES

1. MAT'L 303 CRES CLASS 303 COND A PER QQ-S-763
   ALT: 302 CRES CLASS 303 COND A PER QQ-S-763
2. PASSIVATE PER MIL-F-14072 FINISH E300 TYPE I
3. SURFACE QUALITY 63
4. REMOVE ALL BURRS & SHARP EDGES
5. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.
		LIST OF MATERIALS	

NEXT ASSY	USED ON
2003909	
1003074	
1003174	
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± DECIMALS ±.005 ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 1
HEAT TREATMENT NONE
FINAL FINISH SEE NOTE 2

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG. NO. CONTRACT

DRAWN F Meham DATE 22 Aug 63
CHECKED R T Brandon 26 Aug 63
APPROVAL V Jemson Aug 28/63
APPROVAL Stan Hall 3 Sept 63
NASA APPROVAL H Mulcahy 9/4/63
MIT APPROVAL
MIT APPROVAL D Ivatzel 9/5/63

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

WASHER, FLAT

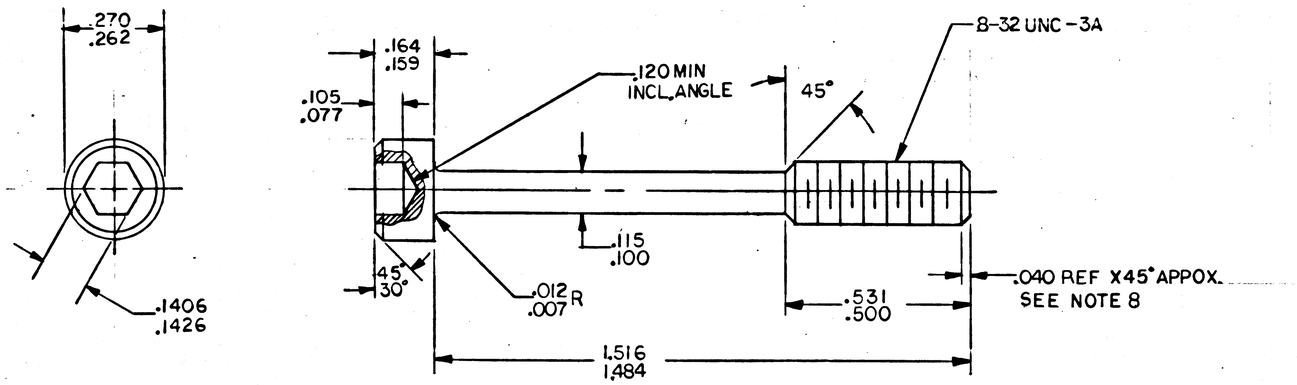
CODE IDENT NO.	SIZE	NASA DRAWING NO.
—	C	1004546
SCALE 10/1	WT	SHEET 1 OF 1

1004546 E

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

1004722

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL



NOTES

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327
2. MATERIAL: ALLOY STEEL PER FED SPEC 66
   ULTIMATE LOAD-160,000 PSI TENSILE STRENGTH
3. HARDNESS: ROCKWELL C36-43
4. FINISH: CADIUM PLATE PER QQ-P-416, TYPE II, CLASS
5. CONCENTRICITY: BODY AND HEAD O.D. WITHIN .006 T.I.R.
   BODY AND HEX SOCKET WITHIN .005 T.I.R.
6. HEAD MAY BE FORGED OR MACHINED AT MANUFACTURER'S OPTION
7. THREADS TO BE FORMED BY ROLLING
8. REFERENCE DIMENSIONS ARE FOR DESIGN PURPOSES ONLY AND ARE NOT AN INSPECTION REQUIREMENT
9. SCREWS SHALL BE FREE OF BURRS AND SHARP EDGES
10. DIMENSIONS TO BE MET AFTER PLATING
11. SURFACE ROUGHNESS 125 UNLESS OTHERWISE SPECIFIED

FOR INFORMATON ONLY
CLASS B RELEASE TDC NO. 12306

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

MASTER

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± —— DECIMALS ± —— ANGLES ± 2°
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 2
HEAT TREATMENT SEE NOTE 3
FINAL FINISH SEE NOTE 4

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.
DWG. NO. —— CONTRACT ——
DRAWN E. Gallivan DATE 21 Aug 64
CHECKED ——
APPROVAL E.F. Dapper 8/21/64
APPROVAL Eldon C. Hall 28 Aug 64
NASA APPROVAL R. Mahach 9/1/64
MIT APPROVAL D. Hagist 9/1/64

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

SCREW, CAPTIVE
ROPE COVER

CODE IDENT NO. ——
SIZE C
NASA DRAWING NO. 1004722
SCALE 4/1
WT ——
SHEET 1 OF 1

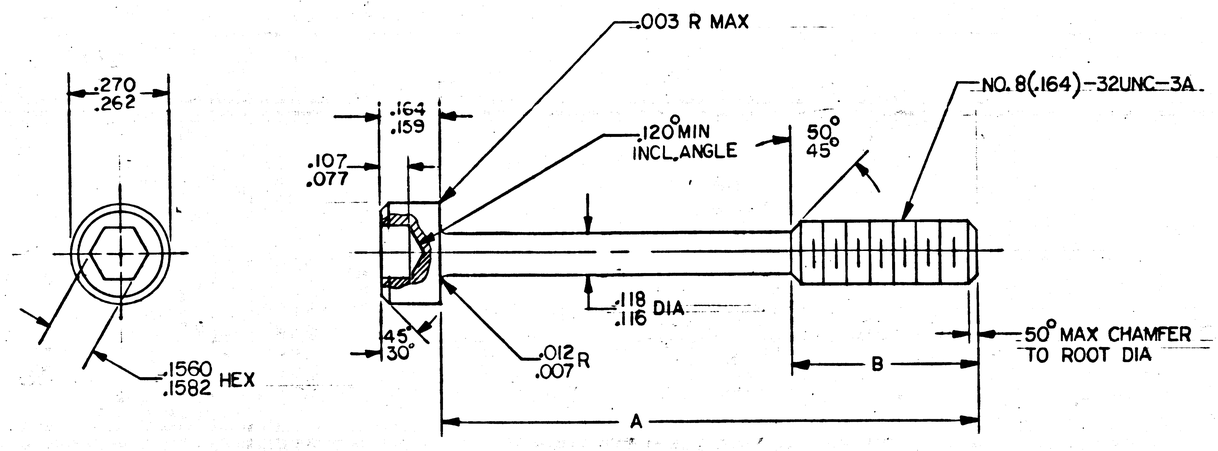
INCHES
0 1 2
PHOTOGRAPHIC SCALE ONLY

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1004722 A

12306

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
A	REVISED AND UP GRADED TO CLASS A PER TDRR 12586	4 SEP 64	



NOTES

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327
2. MATERIAL: 416 SE CRES CLASS 416 SE, COND H_1 PER QQ-S-763
3. HEAT TREAT: 160,000 PSI MIN. TENSILE STRENGTH PER MIL-H-6875
   HARDNESS: ROCKWELL C36-40
4. FINISH: PASSIVATE PER MIL-F-14072 FINISH E 300 TYPE I
5. THREADS TO BE FORMED BY ROLLING
6. SURFACE ROUGHNESS 125 UNLESS OTHERWISE SPECIFIED
7. UNLESS OTHERWISE SPECIFIED SCREW SHALL BE MANUFACTURED IN ACCORDANCE WITH FED SPEC FF-S-86 TYPE VI
8. REMOVE ALL BURRS AND BREAK SHARP EDGES
9. IDENTIFY PER ND 1002019

PART NUMBER	A	B
-1	1.51 1.49	.531 .500
-2	.70 .67	.266 .234

MASTER

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± ____ DECIMALS ± ____ ANGLES ± ____
DO NOT SCALE THIS DRAWING
MATERIAL: SEE NOTE 2
HEAT TREATMENT: SEE NOTE 4
FINAL FINISH: SEE NOTE 4

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS			

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG. NO. / CONTRACT

DRAWN L. Williams DATE 2 Nov 64
CHECKED
APPROVAL E.T. Duggan LAB
APPROVAL Ellen C Hall 2 Aug 64
NASA APPROVAL K Mitchell 9/16/64
MIT APPROVAL E.T. Duggan 9/11/64

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

SCREW, CAPTIVE
ROPE COVER

CODE IDENT NO.	SIZE	NASA DRAWING NO.
____	C	1004722
SCALE 4/1	WT ____	SHEET 1 OF 1

INCHES
0 1 2
PHOTOGRAPHIC SCALE ONLY

NOTICE – WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

REVISIONS						
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
—		INITIAL RELEASE CLASS A PER TDRR 28640			5-10-66	

REQUIREMENTS:

1. GENERAL:

   A. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-B-70327.

   B. THIS UNIT SHALL MEET THE APPLICABLE REQUIREMENTS OF MIL-R-5757 WITH THE EXCEPTIONS AND ADDITIONS SPECIFIED HEREIN.

   C. THE SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS AS CONTAINED IN ND 1015404, CLASS 2.

   D. THIS UNIT SHALL BE CAPABLE OF MEETING THE QUALIFICATION REQUIREMENTS OF ND 1002046 UNLESS OTHERWISE SPECIFIED HEREIN. ELECTRICAL REQUIREMENTS CONTAINED HEREIN SHALL TAKE PRECEDENCE OVER THOSE LISTED IN ND 1002046. THE CLASSIFICATION OF THIS RELAY SHALL BE GENERAL PURPOSE.

   E. MARKING:

      (1) UNITS SHALL BE MARKED IN ACCORDANCE WITH ND 1002019 WITH THE FOLLOWING:

      NASA DRAWING NUMBER, DASH NUMBER AND REVISION LETTER.

      DATE CODE (SHALL CONSIST OF A FOUR DIGIT NUMBER, THE FIRST TWO DIGITS OF WHICH SHALL BE THE LAST TWO DIGITS OF THE YEAR, AND THE SECOND TWO DIGITS SHALL BE THE NUMBER OF THE WEEK OF THE YEAR).

      DC COIL RESISTANCE AT 25 DEGREES CENTIGRADE.

      MUST OPERATE VOLTAGE, MAXIMUM, @ 25°C.

      SCHEMATIC DIAGRAM.

      BLUE BEADING AROUND TERMINAL 1, OR TERMINALS 1 AND 9, OR A RED DOT BETWEEN TERMINALS 2 AND 3.

      (2) UNIT PACKAGES AND SHIPPING CONTAINERS SHALL BE MARKED IN ACCORDANCE WITH MIL-STD-129, BOTH INTERNALLY AND EXTERNALLY WITH THE NASA DRAWING NUMBER, DASH NUMBER AND REVISION LETTER, SUPPLIERS NAME, LOT NUMBER OR CODE, AND DATE OF MANUFACTURE.

   F. PREPARATION FOR DELIVERY SHALL BE IN ACCORDANCE WITH ND 1002215, CLASS I, CODE I.

      (1) MARKING OF SHIPPING CONTAINERS SHALL CONFORM TO THE MARKING OF UNIT AND INTERMEDIATE PACKAGES AND THE METHODS OF MARKING PER ND 1002215.

MASTER

2. ACCEPTANCE AND INSPECTION: 100%

   A. MECHANICAL REQUIREMENTS:

      (1) DIMENSIONS: DIMENSIONS SHALL BE AS SPECIFIED HEREIN.

      (2) MARKING: PER NOTE 1.E.

      (3) LEAK RATE: UNITS SHALL BE DEGASSED, BACK FILLED TO ONE ATMOSPHERE PRESSURE (ABSOLUTE) WITH DRY NITROGEN (90%) AND HELIUM (10%) GASES, AND HERMETICALLY SEALED. 100 PERCENT OF THE UNITS SHALL BE TESTED PER MIL-STD-202, METHOD 112, TEST CONDITION C, PROCEDURE IV. THE LEAK RATE SHALL BE LESS THAN 10^{-8} CUBIC CENTIMETERS/SECOND AT 1 ATMOSPHERE PRESSURE DIFFERENTIAL.

PROCURE ONLY FROM APPROVED SOURCES LISTED IN ND 1002034 FOR THIS DRAWING.

   B. ELECTRICAL REQUIREMENTS:

      (1) COIL VOLTAGE: MUST OPERATE (EITHER DIRECTION) IN ACCORDANCE WITH TABLE I.

      (2) COIL RESISTANCE: IN ACCORDANCE WITH TABLE I.

      (3) CONTACT RESISTANCE: SHALL BE 0.05 OHM MAXIMUM WHEN MEASURED WITH 100 MILLIAMPERES FROM A 6 VDC OPEN CIRCUIT VOLTAGE (CONTACTS SHALL NOT SWITCH THE MEASURING LOAD). 100 PERCENT OF UNITS PROCURED SHALL BE INSPECTED FOR THIS CHARACTERISTIC.

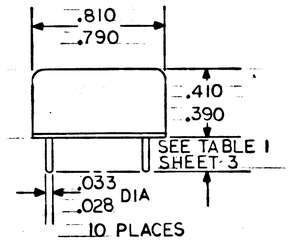
      (4) DIELECTRIC STRENGTH:

         (a) AT SEA LEVEL: 800 VOLTS RMS MINIMUM FOR 30 SECONDS MINIMUM WITHOUT DAMAGE, ARCING OR BREAKDOWN BETWEEN EACH SWITCHING CIRCUIT AND OTHER CIRCUITS. 500 VOLTS RMS MINIMUM BETWEEN OPEN CONTACTS AND BETWEEN COILS AND BETWEEN COILS AND FRAME.

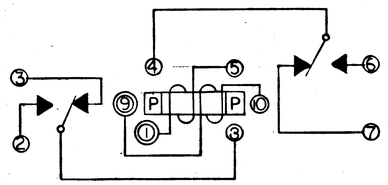
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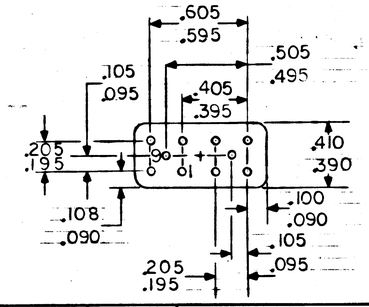
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SCHEMATIC AND PIN LAYOUT
(FOR REFERENCE ONLY)



+ VOLTAGE ON PIN 1 CLOSES SWITCH AS SHOWN. + VOLTAGE ON PIN 10 REVERSES POSITION OF CONTACTS.



QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS				

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING

MATERIAL

SEE NOTES

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

DRAWN Robert Schuss 2 May 66
CHECKED C Merriman 2 MAY 66
APPROVED
APPROVED Edw. C Hall 10 May 66
APPROVED MIT W C Worley 5-10-66
APPROVED MSC A. C. METZGER
DATE

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

RELAY, ARMATURE
MAGNETIC LATCHING
SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	DRAWING NO.
80230	C	1005001

SCALE NONE SHEET 1 OF 3

1005001

MODERN BLUE PRINT CO., INC. 02840

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REVISIONS							
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED	
–		INITIAL RELEASE CLASS A PER TDRR 28640			5-10-66		
A		REVISION STATUS CHANGED	PHG		16 JUL 66		

REQUIREMENTS:

1. GENERAL:

   A. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.

   B. THIS UNIT SHALL MEET THE APPLICABLE REQUIREMENTS OF MIL-R-5757 WITH THE EXCEPTIONS AND ADDITIONS SPECIFIED HEREIN.

   C. THE SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS AS CONTAINED IN ND 1015404, CLASS 2.

   D. THIS UNIT SHALL BE CAPABLE OF MEETING THE QUALIFICATION REQUIREMENTS OF ND 1002046 UNLESS OTHERWISE SPECIFIED HEREIN. ELECTRICAL REQUIREMENTS CONTAINED HEREIN SHALL TAKE PRECEDENCE OVER THOSE LISTED IN ND 1002046. THE CLASSIFICATION OF THIS RELAY SHALL BE GENERAL PURPOSE.

   E. MARKING:

      (1) UNITS SHALL BE MARKED IN ACCORDANCE WITH ND 1002019 WITH THE FOLLOWING:

      NASA DRAWING NUMBER, DASH NUMBER AND REVISION LETTER.

      DATE CODE (SHALL CONSIST OF A FOUR DIGIT NUMBER, THE FIRST TWO DIGITS OF WHICH SHALL BE THE LAST TWO DIGITS OF THE YEAR, AND THE SECOND TWO DIGITS SHALL BE THE NUMBER OF THE WEEK OF THE YEAR).

      DC COIL RESISTANCE AT 25 DEGREES CENTIGRADE.

      MUST OPERATE VOLTAGE, MAXIMUM, @ 25°C.

      SCHEMATIC DIAGRAM.

      BLUE BEADING AROUND TERMINAL 1, OR TERMINALS 1 AND 9, OR A RED DOT BETWEEN TERMINALS 2 AND 3.

      (2) UNIT PACKAGES AND SHIPPING CONTAINERS SHALL BE MARKED IN ACCORDANCE WITH MIL-STD-129, BOTH INTERNALLY AND EXTERNALLY WITH THE NASA DRAWING NUMBER, DASH NUMBER AND REVISION LETTER, SUPPLIERS NAME, LOT NUMBER OR CODE, AND DATE OF MANUFACTURE.

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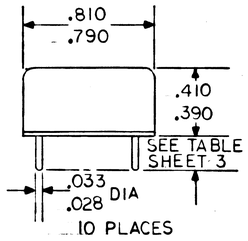
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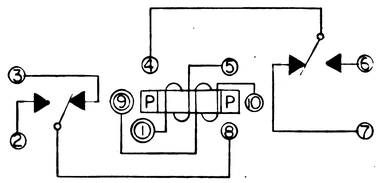
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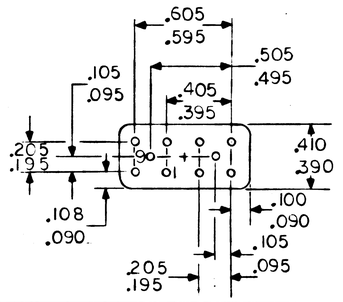
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SEE NOTES

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CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN Robert Schneider 2 May 66
CHECKED [illegible] 2 MAY 66
APPROVED
APPROVED Eldon C Hall 10 May 66
APPROVED MIT W G Tinsley 5 10 66
APPROVED MSC A. C. METZGER
DATE

RELAY, ARMATURE MAGNETIC LATCHING

SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	DRAWING NO.
80230	C	1005001

SCALE NONE | SHEET 1 OF 3

1005001 | A

MODERN BLUE PRINT CO., INC. 02840

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REVISIONS

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
–		INITIAL RELEASE CLASS A PER TDRR 28640			5-10-66	
A		REVISION STATUS CHANGED	PHG		16 JUL 66	
B		REVISION STATUS CHANGED	AF		13JAN67	

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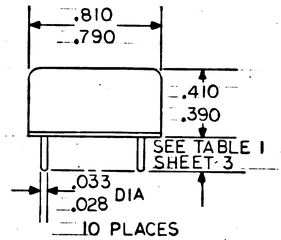
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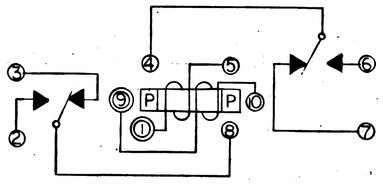
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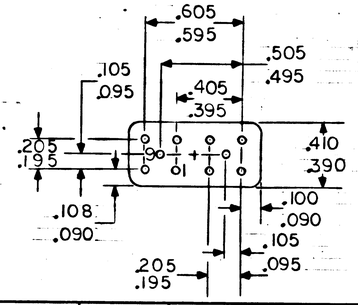
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SCHEMATIC AND PIN LAYOUT
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NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
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SEE NOTES

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

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DRAWN Robert Selwyn 2 May 66
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APPROVED MIT W G Worley 5-10-66
APPROVED MSC A. C. METZGER
DATE

RELAY, ARMATURE
MAGNETIC LATCHING
SPECIFICATION CONTROL DRAWING

CODE IDENT NO. 80230 | SIZE C | DRAWING NO. 1005001

SCALE NONE | SHEET 1 OF 3

1005001 B

MODERN BLUE PRINT CO., INC. 02840

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MASTER

2. ACCEPTANCE AND INSPECTION: 100%

   A. MECHANICAL REQUIREMENTS:

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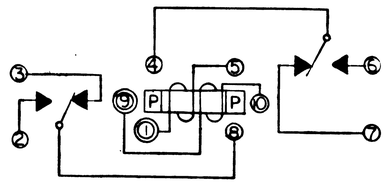
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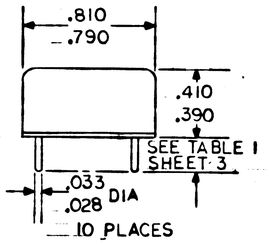
      (6) OPERATE TIME, BOTH DIRECTIONS: EACH 10 MILLISECONDS MAXIMUM UNDER ALL CONDITIONS SPECIFIED IN TABLE I, WHEN A POSITIVE VOLTAGE IS APPLIED TO EITHER TERMINAL 1 OR TERMINAL 10; 4 MILLISECONDS MAX WHEN THE NORMAL RATED VOLTAGE IS APPLIED AT +25°C.

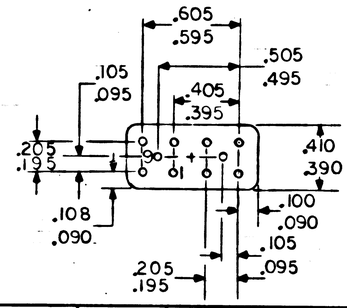
      (7) CONTACT BOUNCE: 4.0 MILLISECONDS MAXIMUM WHEN THE NORMAL RATED VOLTAGE IS APPLIED AT 25°C WITH CONTACT LOAD OF 100 MILLIAMPERES.

SCHEMATIC AND PIN LAYOUT
(FOR REFERENCE ONLY)



+ VOLTAGE ON PIN 1 CLOSES SWITCH AS SHOWN. + VOLTAGE ON PIN 10 REVERSES POSITION OF CONTACTS.





REVISIONS

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED	
–		INITIAL RELEASE CLASS A PER TDRR 28640			5-10-66		
A		REVISION STATUS CHANGED	PHG		16 JUL 66		
B		~~REVISION STATUS CHANGED~~	AF		13JAN67		
C		REVISION STATUS CHANGED	A.N.		27JUL67		

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

NEXT ASSY	USED ON	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES CAPACITOR VALUES ARE IN μf RESISTOR VALUES ARE IN OHMS TOLERANCES ON FRACTIONS ± DECIMALS ± ANGLES ± DO NOT SCALE THIS DRAWING	MATERIAL SEE NOTES
APPLICATION			

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.

DRAWN Robert Silver 2 May 66
CHECKED Albert Irving 2 MAY 66
APPROVED
APPROVED Edward C Hall 10 May 66
APPROVED MIT W C Wesley 5.10.66
APPROVED A. C. METZGER
APPROVED MSC
DATE

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

RELAY, ARMATURE
MAGNETIC LATCHING
SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	DRAWING NO.
80230	C	1005001

SCALE NONE — SHEET 1 OF 3

1005001 C

MODERN BLUE PRINT CO., INC. 02840

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REVISIONS						
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
—		INITIAL RELEASE CLASS A PER TDRR 28640			5-10-66	

NOTES: (CONTINUED)

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(1) COIL VOLTAGE: IN ACCORDANCE WITH TABLE I.

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(4) CONTACT CHATTER: 10.0 MICROSECONDS MAXIMUM DURING VIBRATION AND SHOCK AS SPECIFIED IN ND 1002046.

(5) DIELECTRIC STRENGTH (AT 70,000 FEET): 300 VOLTS RMS MINIMUM FOR 5 SECONDS MINIMUM WITHOUT DAMAGE, ARCING, OR BREAKDOWN BETWEEN EACH SWITCHING CIRCUIT AND ALL OTHER CONNECTIONS INCLUDING THE FRAME.

B. CONSTRUCTION:

(1) CONTACT FORM AND SWITCHING ACTION: 2 FORM C CONTACTS (BREAK BEFORE MAKE); DOUBLE POLE, DOUBLE THROW, POLARIZED WITH MAGNETIC LATCHING ACTION.

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MASTER

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APPLICATION	

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TOLERANCES ON
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DO NOT SCALE THIS DRAWING

MATERIAL

SEE NOTES

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN George Tsafrakas	2MAY'66	
CHECKED	2MAY66	RELAY, ARMATURE MAGNETIC LATCHING SPECIFICATION CONTROL DRAWING
APPROVED		
APPROVED Eddie O'Hall	10May66	
APPROVED MIT W. C. Mundy	5/10/66	CODE IDENT NO. 80230 · SIZE C · DRAWING NO. 1005001
APPROVED MSC L. C. METZGER	DATE	SCALE NONE · SHEET 2 OF 3

1005001

MODERN BLUE PRINT CO. D-19550

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REVISIONS							
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED	
—		INITIAL RELEASE CLASS A PER TDRR 28640			5-10-66		
A		REVISION STATUS CHANGED	PHG	Y.M.			

NOTES: (CONTINUED)

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QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

NEXT ASSY	USED ON
APPLICATION	

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CAPACITOR VALUES ARE IN μf
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TOLERANCES ON
FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING

MATERIAL

SEE NOTES

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

DRAWN	George Trafelos	2MAY66
CHECKED	[illegible]	2MAY66
APPROVED		
APPROVED	Eldon C. Hall	10May66
APPROVED MIT	M.C. Mindy	5/10/66
APPROVED MSC	A. C. METZGER	DATE

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

RELAY, ARMATURE
MAGNETIC LATCHING
SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	DRAWING NO.
80230	C	1005001

SCALE NONE | SHEET 2 OF 3

1005001 A

MODERN BLUE PRINT CO. D-19550

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NEXT ASSY	USED ON
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LIST OF MATERIALS

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	George Trafikas	2MAY'66
CHECKED	[illegible]	2MAY66
APPROVED		
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APPROVED MIT	W. C. Mueller	5/10/66
APPROVED MSC	R. C. METZGER	DATE

RELAY, ARMATURE
MAGNETIC LATCHING
SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	DRAWING NO.
80230	C	1005001

SCALE NONE

SHEET 2 OF 3

1005001 B

MODERN BLUE PRINT CO. D-19550

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(1) COIL VOLTAGE: IN ACCORDANCE WITH TABLE I.

(2) MAXIMUM COIL TRANSFER POWER: 200 MILLIWATTS MAXIMUM @ 25°C.

(3) CONTACT RATINGS (PER POLE): 0.5 AMPS @ 32 VDC (INDUCTIVE LOAD); OR, 1 AMP @ 115 VRMS, 400 CPS (RESISTIVE LOAD, CASE NOT GROUNDED), OR 0.25 AMP (CASE GROUNDED); OR, 1.0 MILLIAMP @ 250 VRMS, 800 CPS; @ P.F. NOT MORE THAN 0.35 (CASE NOT GROUNDED); OR, 0.3 AMP @ 5 VDC, LAMP LOAD (STEADY STATE). THESE RATINGS ARE APPLICABLE FOR THE LIFE REQUIREMENTS STATED IN 3.C.(1) ONLY IF COIL VOLTAGE IS NOT LESS THAN THE MUST-OPERATE VALUE PLUS 20 PERCENT.

(4) CONTACT CHATTER: 10.0 MICROSECONDS MAXIMUM DURING VIBRATION AND SHOCK AS SPECIFIED IN ND 1002046.

(5) DIELECTRIC STRENGTH (AT 70,000 FEET): 300 VOLTS RMS MINIMUM FOR 5 SECONDS MINIMUM WITHOUT DAMAGE, ARCING, OR BREAKDOWN BETWEEN EACH SWITCHING CIRCUIT AND ALL OTHER CONNECTIONS INCLUDING THE FRAME.

B. CONSTRUCTION:

(1) CONTACT FORM AND SWITCHING ACTION: 2 FORM C CONTACTS (BREAK BEFORE MAKE); DOUBLE POLE, DOUBLE THROW, POLARIZED WITH MAGNETIC LATCHING ACTION.

(2) LEAD MATERIAL: PER TABLE I.

(3) LEAD STRENGTH: UNITS SHALL WITHSTAND A FORCE OF 3 POUNDS PER MIL-R-5757.

(4) CASE: CASE MATERIAL SHALL BE CUPRO-NICKEL. CASE-TO-HEADER CONNECTION SHALL BE WELDED.

C. QUALIFICATION REQUIREMENTS:

(1) LIFE: LIFE OF THIS UNIT SHALL BE 100,000 CYCLES MINIMUM WHEN TESTED PER ND 1002046. FOR THE LIFE TESTS, THE CLASSIFICATION OF THIS RELAY SHALL BE GENERAL PURPOSE. CONTACT RESISTANCE AFTER LIFE WHEN MEASURED PER 2.B.(3) SHALL BE NOT MORE THAN 0.10 OHMS.

D. ENVIRONMENTAL REQUIREMENTS:

(1) HUMIDITY (MOISTURE RESISTANCE): UNITS SHALL BE CAPABLE OF WITHSTANDING RELATIVE HUMIDITY UP TO 98 PERCENT.

(2) OPERATING TEMPERATURE RANGE: UNITS SHALL BE CAPABLE OF OPERATING WITHIN THE ELECTRICAL REQUIREMENTS OF THIS SPECIFICATION WHEN EXPOSED TO AMBIENT TEMPERATURES FROM MINUS 65 DEGREES CENTIGRADE TO PLUS 125 DEGREES CENTIGRADE.

(3) THERMAL SHOCK: UNITS SHALL BE CAPABLE OF WITHSTANDING THERMAL SHOCK FROM MINUS 65 DEGREES CENTIGRADE TO PLUS 125 DEGREES CENTIGRADE.

(4) THE SALT SPRAY TEST PER MIL-R-5757 IS NOT APPLICABLE.

4. SPECIAL CONDITIONING:

A. THE MANUFACTURER SHALL SUBJECT ALL RELAYS TO THE FOLLOWING SEQUENCE OF TESTS:

(1) VIBRATION: THE UNITS SHALL BE SUBJECTED TO THE FOLLOWING TEST:

10 TO 2000 CPS, 0.12 INCH D.A. MAXIMUM, 20 G's IN THREE (3) MUTUALLY PERPENDICULAR PLANES; SWEEP TIME MINIMUM TO MAXIMUM TO MINIMUM CPS SHALL BE 20 MINUTES; UNITS SHALL BE LATCHED WITH A POSITIVE 13 VOLT DC PULSE OF 10 MILLISECOND WIDTH APPLIED TO PIN 1 PRIOR TO ASCENDING SWEEP; THE SAME PULSE SHALL BE APPLIED TO PIN 10 TO RESET UNIT PRIOR TO DESCENDING SWEEP; MAXIMUM ALLOWABLE CONTACT OPENING SHALL BE 10 MICROSECONDS AND THERE SHALL BE NO CLOSURE OF THE OPEN CONTACTS, WHEN MONITORED WITH DETECTION CIRCUITRY WITH A SENSITIVITY OF 1 MICROSECOND.

(2) HIGH TEMPERATURE MISS TEST: THE RELAYS SHALL BE SUBJECTED TO +125°C WITH THE RATED COIL VOLTAGE PER TABLE I APPLIED FOR ONE HOUR PER COIL (TOTAL SOAK TIME IS 2 HOURS). RELAYS SHALL THEN BE OPERATED AT RATED COIL VOLTAGE FOR 2000 CYCLES AT A RATE OF 1 TO 3 CYCLES PER SECOND. CONTACT LOADING SHALL BE 30 MICROAMPS WITH A MAXIMUM OPEN CIRCUIT VOLTAGE OF 30 MILLIVOLTS. CONTACT RESISTANCE SHALL BE MONITORED CONTINUOUSLY AND SHALL NOT EXCEED 100 OHMS.

(3) INTERNAL MOISTURE TEST: FOLLOWING THE HIGH TEMPERATURE TEST, AND WHILE STILL AT +125°C, THE RELAYS SHALL BE ENERGIZED WITH RATED COIL VOLTAGE ON TERMINAL #1 WHILE THE TEMPERATURE OF THE CHAMBER IS LOWERED TO -65°C. AFTER REACHING THIS TEMPERATURE, THE RELAY SHALL BE CONDITIONED WHILE ENERGIZED FOR ONE HOUR. AT THE END OF THIS PERIOD, THE RELAY COIL SHALL BE DE-ENERGIZED AND RATED COIL VOLTAGE APPLIED TO TERMINAL #10 AND THE CONTACT RESISTANCE OF THE CLOSED CONTACTS SHALL BE MEASURED USING 100 MILLIAMPS FROM A 6 VOLT SOURCE. THE RESISTANCE SHALL NOT EXCEED 1 OHM. AN ALTERNATE MEASUREMENT IS PERMISSIBLE USING A 30 MICROAMP FROM A 30 MILLIVOLT SOURCE WITH A NOT TO EXCEED RESISTANCE OF 100 OHMS.

(4) LOW TEMPERATURE TEST: FOLLOWING THE INTERNAL MOISTURE TEST, THE RELAYS SHALL BE SUBJECTED TO -65°C FOR TWO HOURS WITH NO COIL VOLTAGE APPLIED. RELAYS SHALL THEN BE SUBJECTED TO THE MISS TEST AS SPECIFIED IN PARA. 4.A.(2).

(5) DISPOSITION OF RELAYS WITH HIGH CONTACT RESISTANCE: ALL RELAYS EXHIBITING A CONTACT RESISTANCE OF MORE THAN 100 OHMS IN PARA 4.A.(2) AND 4.A.(4) TESTS SHALL BE REJECTED AND ANALYZED TO DETERMINE CAUSE. THE PURCHASER SHALL BE INFORMED OF THE NUMBER OF UNITS IN EACH LOT WHICH FAIL THESE TESTS.

(6) RELAYS SHALL BE SERIALIZED, AND THE MUST-OPERATE VOLTAGE IN BOTH DIRECTIONS AT 25°C SHALL BE RECORDED. A COPY OF THESE READINGS SHALL ACCOMPANY EACH SHIPMENT.

REVISIONS							
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED	
—		INITIAL RELEASE CLASS A PER TDRR 28640			5-10-66		
A		REVISION STATUS CHANGED	PHG				
B		REVISION STATUS CHANGED	AF		13JAN67		
C		REVISED PER TDRR 33672	F.N.		27JUL67		

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING

MATERIAL: SEE NOTES

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.

DRAWN George Tsifrikas 2MAY'66
CHECKED 2MAY66
APPROVED
APPROVED Edward C Hall 10May66
APPROVED MIT W C Mundy 5/10/66
APPROVED MSC R. C. METZGER DATE

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

RELAY, ARMATURE
MAGNETIC LATCHING
SPECIFICATION CONTROL DRAWING

CODE IDENT NO. 80230 | SIZE C | DRAWING NO. 1005001

SCALE NONE | SHEET 2 OF 3

1005001 C

MODERN BLUE PRINT CO. D-19550

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REVISIONS						
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
—		INITIAL RELEASE CLASS A PER TDRR 28640			5-10-66	

NOTES: (CONTINUED)

4. B. PULSED OPERATION TEST: ALL RELAYS SHALL BE TESTED FOR CORRECT OPERATION UNDER THE FOLLOWING CONDITIONS: @ 25°C:
   (1) A POSITIVE 13.5 VDC PULSE SHALL BE ALTERNATELY APPLIED TO TERMINALS 1 AND 10. PULSE WIDTH SHALL BE 10 MILLISECONDS.
   (2) RELAY SHALL BE ACTIVATED 10 TIMES IN EACH DIRECTION.
   (3) CONTACT LOAD SHALL BE A HIGH IMPEDANCE NEON BULB FOR EACH STATIONARY CONTACT FOR VISUAL INDICATION OF CONTACT CLOSURE.

TABLE I

COIL PARAMETERS						LEAD PARAMETERS	
DASH NO.	NORMAL RATED COIL VOLTAGE VOLTS D.C.	MUST-OPERATE VOLTAGE (VOLTS D.C.)			COIL RESISTANCE	LEAD LENGTH MAX/MIN	LEAD MATERIAL
		MAX OVER TEMP RANGE PER NOTE 3-D-2	MIN (OVER AMBIENT TEMP RANGE)	MAX AT +25°C	RANGE AT +25°C (OHMS)		
-1	26	18	5.0	13.5	765 TO 1100	.218/.187	CORE: COPPER, 1/3 OF TOTAL DIAMETER SLEEVING: COMPOSITION NICKEL - 42.5% IRON - 50.9% CHROMIUM - 5.75% SILICON - 0.25% MANGANESE - 0.5% CARBON - 0.07% PLATING PER MIL-G-45204, TYPE II, COPPER OR NICKEL FLASHED.
-2	26	18	5.0	13.5	765 TO 1100	.218/.187	ALLOY 52, GOLD PLATED PER MIL-G-45204, TYPE II, NICKEL OR COPPER FLASHED.

MASTER

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± ± ±
DO NOT SCALE THIS DRAWING

MATERIAL

SEE NOTES

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	George Trafton	2 MAY 66
CHECKED	C Morrissey	2 MAY 66
APPROVED		
APPROVED	Ellen C Hall	10 May 66
APPROVED MIT	J C Worsley	5-10-66
	A G Nettles	
APPROVED MSC		DATE

RELAY, ARMATURE MAGNETIC LATCHING
SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	DRAWING NO.
80230	C	1005001

SCALE NONE SHEET 3 OF 3

MODERN BLUE PRINT CO. D-19550

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REVISIONS							
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED	
—		INITIAL RELEASE CLASS A PER TDRR 28640			5-10-66		
A		REVISED PER TDRR 30058	PHG		16 JUL 66		

NOTES: (CONTINUED)

4. B. PULSED OPERATION TEST: ALL RELAYS SHALL BE TESTED FOR CORRECT OPERATION UNDER THE FOLLOWING CONDITIONS: @ 25°C:
   (1) A POSITIVE 13.5 VDC PULSE SHALL BE ALTERNATELY APPLIED TO TERMINALS 1 AND 10. PULSE WIDTH SHALL BE 10 MILLISECONDS.
   (2) RELAY SHALL BE ACTIVATED 10 TIMES IN EACH DIRECTION.
   (3) CONTACT LOAD SHALL BE A HIGH IMPEDANCE NEON BULB FOR EACH STATIONARY CONTACT FOR VISUAL INDICATION OF CONTACT CLOSURE.

TABLE I

COIL PARAMETERS						LEAD PARAMETERS	
DASH NO.	NORMAL RATED COIL VOLTAGE VOLTS D.C.	MUST-OPERATE VOLTAGE (VOLTS D.C.) MAX OVER TEMP RANGE PER NOTE 3-D-2	MUST-OPERATE VOLTAGE (VOLTS D.C.) MIN (OVER AMBIENT TEMP RANGE)	MUST-OPERATE VOLTAGE (VOLTS D.C.) MAX AT +25°C	COIL RESISTANCE RANGE AT +25°C (OHMS)	LEAD LENGTH MAX/MIN	LEAD MATERIAL
-1	26	18	5.0	13.5	765 TO 1100	.218/.172	CORE: ALLOY 426 SLEEVING: COMPOSITION NICKEL - 42.5% CHROMIUM - 5.75% SILICON - 0.25% MANGANESE - 0.5% CARBON - 0.10% IRON - BALANCE PLATING PER MIL-G-45204, TYPE II, COPPER OR NICKEL FLASHED.
-2	26	18	5.0	13.5	765 TO 1100	.218/.172	ALLOY 52, GOLD PLATED PER MIL-G-45204, TYPE II, NICKEL OR COPPER FLASHED.

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

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RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± ± ±
DO NOT SCALE THIS DRAWING

MATERIAL

SEE NOTES

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

DRAWN George Tavlarides 2 MAY 66
CHECKED C Morrison 2 MAY 66
APPROVED
APPROVED Eldon C Hall 10 May 66
APPROVED MIT J W C Wesley 5-10-66
L G NETZER
APPROVED MSC
DATE

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

RELAY, ARMATURE
MAGNETIC LATCHING
SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	DRAWING NO.
80230	C	1005001

SCALE NONE SHEET 3 OF 3

1005001 A

MODERN BLUE PRINT CO. D-19550

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REVISIONS							
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED	
—		INITIAL RELEASE CLASS A PER TDRR 28640			5-10-66		
② A		REVISED PER TDRR 30058	PHG	Y.M.	16 JUL 66		
B		REVISED PER TDRR 32525	AF	DW	13JAN67		

NOTES: (CONTINUED)

4. B. PULSED OPERATION TEST: ALL RELAYS SHALL BE TESTED FOR CORRECT OPERATION UNDER THE FOLLOWING CONDITIONS: @ 25°C:
   (1) A POSITIVE 13.5 VDC PULSE SHALL BE ALTERNATELY APPLIED TO TERMINALS 1 AND 10. PULSE WIDTH SHALL BE 10 MILLISECONDS.
   (2) RELAY SHALL BE ACTIVATED 10 TIMES IN EACH DIRECTION.
   (3) CONTACT LOAD SHALL BE A HIGH IMPEDANCE NEON BULB FOR EACH STATIONARY CONTACT FOR VISUAL INDICATION OF CONTACT CLOSURE.

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DASH NO.	NORMAL RATED COIL VOLTAGE VOLTS D.C.	MUST-OPERATE VOLTAGE (VOLTS D.C.) MAX OVER TEMP RANGE PER NOTE 3-D-2	MUST-OPERATE VOLTAGE (VOLTS D.C.) MIN (OVER AMBIENT TEMP RANGE)	MUST-OPERATE VOLTAGE (VOLTS D.C.) MAX AT +25°C	COIL RESISTANCE RANGE AT +25°C (OHMS)	LEAD LENGTH MAX/MIN	LEAD MATERIAL
-1	26	18	5.0	13.5	900 TO 1100	.218/.172	CORE: ALLOY 426 SLEEVING: COMPOSITION NICKEL - 42.5% CHROMIUM - 5.75% SILICON - 0.25% MANGANESE - 0.5% CARBON - 0.10% IRON - BALANCE PLATING PER MIL-G-45204, TYPE II, COPPER OR NICKEL FLASHED.
-2	26	18	5.0	13.5	900 TO 1100	.218/.172	ALLOY 52, COMPOSITION: MIL-G-45204 TYPE II. NICKEL - 51% NOM. CARBON - 0.10% MAX. MANGANESE - 0.50% MAX. SILICON - .25% MAX. IRON - BALANCE PLATING: GOLD PLATED PER MIL-G-45204, TYPE II, NICKEL OR COPPER FLASHED.

1005001 B

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
			LIST OF MATERIALS	

NEXT ASSY	USED ON
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CAPACITOR VALUES ARE IN μf
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TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± ± ±
DO NOT SCALE THIS DRAWING

MATERIAL

SEE NOTES

MIT
INSTRUMENTATION LAB
CAMBRIDGE, MASS.

DRAWN George Tarpley 2MAY66
CHECKED W.Corriveau 2MAY66
APPROVED
APPROVED Eldon C. Hall 10 May 66
APPROVED MIT W. McWhorter 5-10-66
APPROVED MSC L. G. NETZER
DATE

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

RELAY, ARMATURE
MAGNETIC LATCHING
SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	DRAWING NO.
80230	C	1005001

SCALE NONE SHEET 3 OF 3

MODERN BLUE PRINT CO. D-19550

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REVISIONS							
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED	
—		INITIAL RELEASE CLASS A PER TDRR 28640			5-10-66		
(2) A		REVISED PER TDRR 30058	PHG	V.M.	16 JUL 66		
(4) B		REVISED PER TDRR 32525	AF	DW	13JAN67		
C		REVISED PER TDRR 33672	A.N.	BM	27JUL67		

NOTES: (CONTINUED)

4. B. PULSED OPERATION TEST: ALL RELAYS SHALL BE TESTED FOR CORRECT OPERATION UNDER THE FOLLOWING CONDITIONS: @ 25°C:
   (1) A POSITIVE 13.5 VDC PULSE SHALL BE ALTERNATELY APPLIED TO TERMINALS 1 AND 10. PULSE WIDTH SHALL BE 10 MILLISECONDS.
   (2) RELAY SHALL BE ACTIVATED 10 TIMES IN EACH DIRECTION.
   (3) CONTACT LOAD SHALL BE A HIGH IMPEDANCE NEON BULB FOR EACH STATIONARY CONTACT FOR VISUAL INDICATION OF CONTACT CLOSURE.

TABLE I

COIL PARAMETERS						LEAD PARAMETERS	
DASH NO.	NORMAL RATED COIL VOLTAGE VOLTS D.C.	MUST-OPERATE VOLTAGE (VOLTS D.C.) MAX OVER TEMP RANGE PER NOTE 3-D-2	MUST-OPERATE VOLTAGE (VOLTS D.C.) MIN AT +25° C	MUST-OPERATE VOLTAGE (VOLTS D.C.) MAX AT +25°C	COIL RESISTANCE RANGE AT +25°C (OHMS)	LEAD LENGTH MAX/MIN	LEAD MATERIAL
-1	26	18	5.0	12.5	900 TO 1100	.218/.172	CORE: COPPER SLEEVING: COMPOSITION: ALLOY 426 NICKEL - 42.5% CHROMIUM - 5.75% SILICON - 0.25% MANGANESE - 0.5% CARBON - 0.10% IRON - BALANCE PLATING PER MIL-G-45204, TYPE II, COPPER OR NICKEL FLASHED.
-2	26	18	5.0	13.5	900 TO 1100	.218/.172	ALLOY 52, COMPOSITION: NICKEL = 51% NOM. CARBON - 0.10% MAX. MANGANESE - 0.50% MAX. SILICON - .25% MAX. IRON - BALANCE PLATING: GOLD PLATED PER MIL-G-45204, TYPE II, NICKEL OR COPPER FLASHED.

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CAPACITOR VALUES ARE IN pf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING

MATERIAL: SEE NOTES

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

DRAWN	George Taufik	2MAY66
CHECKED	W Morrissey	2MAY66
APPROVED		
APPROVED	Eldon C Hall	10May66
APPROVED MIT	W W Worley	5-10-66
APPROVED MSC	G. C. METZGER	

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RELAY, ARMATURE
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SCALE NONE | SHEET 3 OF 3

1005001 C

MODERN BLUE PRINT CO. D-19550

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REVISIONS

SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
—		INITIAL RELEASE CLASS A PER TDRR 28639			5-10-66	

REQUIREMENTS: (CONTINUED)

3. DESIGN REQUIREMENTS:

A. AMBIENT TEMPERATURE RANGE: -65°C TO +125°C

B. COIL RESISTANCE: SEE TABLE I.

C. LIFE: WHEN TESTED AT ANY OF THE ABOVE RATINGS, OR BETWEEN THE MAXIMUM RATING AND THE MINIMUM RATING, FOR 100,000 CYCLES, OVER THE AMBIENT TEMPERATURE RANGE, THERE SHALL BE NO FAILURES AS DEFINED IN ND 1002046 AND THERE SHALL BE NO CONTACT RESISTANCE READING GREATER THAN 5 OHMS DURING ANY CYCLE.

D. TERMINAL STRENGTH: 3 LBS MINIMUM AXIAL PULL.

E. ENVIRONMENTAL LEVELS:

(1) TEMPERATURE:

(a) HIGH: +125°C

(b) LOW: -65°C

(2) THERMAL SHOCK: -65°C TO +125°C

(3) VIBRATION: 10-2000 CPS, 20 G

(4) SHOCK: 50 G, 11 MILLISECONDS

(5) ACCELERATION: 20 G

(6) ALTITUDE: 70,000 FEET

(7) HUMIDITY: 10 CYCLES

(8) SALT SPRAY TESTS AS REFERENCED IN MIL-R-5757 ARE NOT APPLICABLE .

F. DIELECTRIC STRENGTH: SHALL BE CAPABLE OF WITHSTANDING THE FOLLOWING POTENTIAL FOR ONE MINUTE WITHOUT ARCING, DAMAGE OR BREAKDOWN.

(1) ALTITUDE: 300 VOLTS RMS 60 CPS BETWEEN ALL TERMINALS AND CASE AND BETWEEN ALL TERMINALS.

G. CONTACT FORM AND SWITCHING ACTION: 2 FORM C CONTACTS (2 PDT).

H. COIL VOLTAGE: SEE TABLE I.

J. CONTACT RATINGS: (MAXIMUM AMPERES PER POLE) NORMALLY OPEN OR NORMALLY CLOSED.

LOAD VOLTAGE	28 VDC	115/200 VRMS, 400 CPS	
RESISTIVE	2.0	0.75	NOTE 2 (SHEET 2)
INDUCTIVE	0.5	0.75	NOTE 1 (SHEET 2)
LAMP	0.5	0.3	
MINIMUM	0.1	--	

K. COIL DISSIPATION: 1.5 WATTS MAX AT +125°C.

L. CASE MATERIAL: CUPRO-NICKEL

4. SPECIAL CONDITIONING:

A. THE MANUFACTURER SHALL SUBJECT ALL RELAYS TO THE FOLLOWING SEQUENCE OF TESTS:

(1) VIBRATION: 5 TO 2,000 CPS 0.12 INCH DOUBLE AMPLITUDE MAXIMUM 20 G'S IN THREE (3) MUTUALLY PERPENDICULAR PLANES. SWEEP TIME MINIMUM TO MAXIMUM TO MINIMUM CPS SHALL BE 20 MINUTES; UNITS SHALL BE ENERGIZED AT THE NOMINAL COIL VOLTAGE PRIOR TO ASCENDING SWEEP AND DEENERGIZED PRIOR TO THE DESCENDING SWEEP. MAXIMUM ALLOWABLE CONTACT OPENING SHALL BE 10 MICROSECONDS AND THERE SHALL BE NO CLOSURE OF THE OPEN CONTACTS. IT IS PERMISSABLE FOR THE TEST TO BE RUN AT A 30 G LEVEL AND/OR EXTENDED TO 3,000 CPS.

(2) HIGH TEMPERATURE MISS TEST: THE RELAYS SHALL BE SUBJECTED TO +125°C WITH THE RATED COIL VOLTAGE PER TABLE I APPLIED FOR TWO HOURS. RELAYS SHALL THEN BE OPERATED AT RATED COIL VOLTAGE FOR 2000 CYCLES AT A RATE OF 1 TO 3 CYCLES PER SECOND. CONTACT LOADING SHALL BE 30 MICROAMPS WITH A MAXIMUM OPEN CIRCUIT VOLTAGE OF 30 MILLIVOLTS. CONTACT RESISTANCE SHALL BE MONITORED CONTINUOUSLY AND SHALL NOT EXCEED 100 OHMS.

(3) INTERNAL MOISTURE TEST: FOLLOWING THE HIGH TEMPERATURE TEST, AND WHILE STILL AT +125°C, THE RELAYS SHALL BE ENERGIZED WITH RATED COIL VOLTAGE WHILE THE TEMPERATURE OF THE CHAMBER IS LOWERED TO -65°C. AFTER REACHING THIS TEMPERATURE, THE RELAY SHALL BE CONDITIONED WHILE ENERGIZED FOR ONE HOUR. AT THE END OF THIS PERIOD, THE RELAY COIL SHALL BE DE-ENERGIZED AND THE CONTACT RESISTANCE OF THE CLOSED CONTACTS SHALL BE MEASURED USING 100 MILLIAMP FROM A 6 VOLT SOURCE. THE RESISTANCE SHALL NOT EXCEED 1 OHM. AN ALTERNATE MEASUREMENT IS PERMISSABLE USING 30 MICROAMP FROM A 30 MILLIVOLT SOURCE WITH A NOT TO EXCEED RESISTANCE OF 100 OHMS.

(4) LOW TEMPERATURE TEST: FOLLOWING THE INTERNAL MOISTURE TEST, THE RELAYS SHALL BE SUBJECTED TO -65°C FOR TWO HOURS WITH NO COIL VOLTAGE APPLIED. RELAYS SHALL THEN BE SUBJECTED TO THE MISS TEST AS SPECIFIED IN PARA 4.A.(2).

(5) DISPOSITION OF RELAYS WITH HIGH CONTACT RESISTANCE: ALL RELAYS EXHIBITING A CONTACT RESISTANCE OF MORE THAN 100 OHMS IN PARA 4.A.(2) AND 4.A.(4) TESTS SHALL BE REJECTED AND ANALYZED TO DETERMINE CAUSE. PURCHASER SHALL BE NOTIFED AS TO THE NUMBER OF UNITS FROM EACH LOT WHICH FAIL THESE TEST.

MASTER

NOTES:

1. INDUCTIVE LOAD LIMITED BY $\leq .008 \text{ SEC } \frac{L}{R^2}$, WL = 100 M j POWER FACTOR 50% FOR AC
2. ALL AC RATINGS ARE GIVEN FOR UNGROUNDED CASE ONLY.

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING

MATERIAL

SEE NOTES

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	George Tryfiates	3 MAY 66
CHECKED	C Warmowy	3 MAY 66
APPROVED		
APPROVED	Eldon C Hall	10 May 66
APPROVED MIT		5/10/66
APPROVED MSC	A. C. METZGER	DATE

RELAY, ARMATURE
(GENERAL PURPOSE)
SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	DRAWING NO.
80230	C	1005003

SCALE NONE — SHEET 2 OF 3

1005003

MODERN BLUE PRINT CO. D-19550

NOTICE – WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

REVISIONS						
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
—		INITIAL RELEASE CLASS A PER TDRR 28639			5-10-66	

TABLE I

DASH NO.	SCHEMATIC NO.	FIGURE NO.	NOMINAL RATED COIL VOLTAGE (VOLTS DC)	PULL-IN VOLTAGE (VOLTS DC)			DROP-OUT VOLTAGE (VOLTS DC)		COIL RESISTANCE RANGE AT +25°C (OHMS)	PIN LENGTH "A"	LEAD MATERIAL
				MAX (OVER AMBIENT TEMP RANGE)	MINIMUM (AT +25°C)	MIN (OVER AMBIENT TEMP RANGE)	MAX (OVER AMBIENT TEMP RANGE)	MIN (OVER AMBIENT TEMP RANGE)			
-1	A	1	28.0	18.0	8.0	5.0	14.0	1.0	745 TO 990	.210/.172	SEE TABLE II
-2	A	1	28.0	18.0	8.0	5.0	14.0	1.0	745 TO 990	.210/.172	ALLOY 52, GOLD PLATED PER MIL-G-45204, TYPE 11, COPPER ON NICKEL FLASHED.

TABLE II

LEAD MATERIAL:

CORE - 1/3 OF TOTAL LEAD DIAMETER, COPPER

JACKET - COMPOSITION:

NICKEL - 42.5%
IRON - 50.9%
CHROMIUM - 5.75%
MANGANESE - 0.5%
SILICON - 0.25%
CARBON - 0.07%

FINISH - GOLD PLATE PER MIL-G-45204, TYPE 11, COPPER FLASHED

THE PART NUMBER IS THE DRAWING NUMBER PLUS THE APPLICABLE DASH NUMBER.

MASTER

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± ± ±
DO NOT SCALE THIS DRAWING

MATERIAL

SEE NOTES

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN George Taylor	2MAY66	
CHECKED W. Worthington	3 May 66	
APPROVED		
APPROVED Eldon Caldwell	10 May 66	
APPROVED MIT W. C. Mundy	5-10-66	
APPROVED MSC C. METZGER	DATE	

RELAY, ARMATURE
(GENERAL PURPOSE)
SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	DRAWING NO.
80230	C	1005003

SCALE NONE | SHEET 3 OF 3

1005003

MODERN BLUE PRINT CO. D-19550

NOTICE – WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

REVISIONS						
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
—		INITIAL RELEASE CLASS A PER TDRR 28639			5-10-66	

REQUIREMENTS:

1. GENERAL:

   A. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.

   B. SUPPLIER SHALL CONFORM TO QUALITY ASSURANCE PROVISIONS SPECIFIED IN ND 1015404, CLASS 2.

   C. UNITS SHALL BE CAPABLE OF MEETING ALL QUALIFICATION REQUIREMENTS SPECIFIED IN ND 1002046 UNLESS MODIFIED OR AMENDED BY DESIGN REQUIREMENTS IN THIS DRAWING. ALL ELECTRICAL REQUIREMENT LEVELS AS LISTED ON THIS DRAWING SHALL TAKE PRECEDENCE OVER THOSE LISTED IN ND 1002046. THE CLASSIFICATION OF THIS RELAY SHALL BE GENERAL PURPOSE.

   D. THIS UNIT SHALL MEET ALL APPLICABLE PARAGRAPHS OF MIL-R-5757 WITH THE FOLLOWING QUALIFICATIONS.

   E. PRESERVATION, PACKAGING, PACKING AND CONTAINER MARKING PER ND 1002215, CLASS 1, CODE 1. (THERE ARE NO CRITICAL FUNCTIONING OR CLOSELY TOLERANCED SURFACES AS DESCRIBED IN ND 1002215).

2. INSPECTION AND ACCEPTANCE:

   A. MECHANICAL REQUIREMENTS:

   (1) LEAD MATERIAL: SHALL BE PER TABLE I.
   A CERTIFICATE OF COMPLIANCE WITH THIS REQUIREMENT SHALL ACCOMPANY EACH SHIPMENT.

   (2) MARKING: UNIT SHALL BE PERMANENTLY AND LEGIBLY MARKED WITH THE FOLLOWING:
   MANUFACTURER'S NAME OR SYMBOL
   MANUFACTURER'S PART NUMBER
   NASA DRAWING NUMBER, DASH NUMBER, AND REVISION LETTER
   RATED COIL VOLTAGE
   DATE CODE
   COIL RESISTANCE
   CIRCUIT DIAGRAM

   (3) LEAK RATE: UNITS SHALL BE DEGASSED, BACK FILLED TO ONE ATMOSPHERE (ABSOLUTE) WITH DRY NITROGEN (90%) AND HELIUM (10%) GASES, AND HERMETICALLY SEALED. 100 PERCENT OF THE UNITS SHALL BE TESTED PER MIL-STD-202, METHOD 112, TEST CONDITION C, PROCEDURE IV. THE LEAK RATE SHALL BE LESS THAN 10^{-8} CUBIC CENTIMETER/SECOND AT ONE ATMOSPHERE PRESSURE DIFFERENTIAL.

   B. ELECTRICAL REQUIREMENTS:

   (1) PULL-IN VOLTAGE: SEE TABLE I.

   (2) DROP-OUT VOLTAGE: SEE TABLE I.

   (3) CONTACT RESISTANCE: (100% INSPECTION) .05 OHM MAXIMUM BEFORE LIFE (.10 OHMS MAXIMUM AFTER LIFE) WHEN MEASURED WITH 100 MILLIAMPS FROM A SIX (6) VOLT DC SOURCE. (THE CONTACTS SHALL NOT SWITCH THE MEASURING LOAD).

   (4) DIELECTRIC STRENGTH: SHALL WITHSTAND FOR ONE MINUTE THE FOLLOWING POTENTIALS AT THE INDICATED LEVELS, WITHOUT ARCING, DAMAGE, OR BREAKDOWN.
   (a) SEA LEVEL: 1000 VOLTS RMS 60 CPS BETWEEN,
   1. CONTACT TERMINALS AND COIL TERMINALS,
   2. CONTACT TERMINALS AND CASE,
   3. CIRCUITS
   (b) SEA LEVEL: 500 VOLTS RMS 60 CPS BETWEEN,
   1. OPEN CONTACT TERMINALS OF EACH CIRCUIT (RELAY BOTH ENERGIZED AND DEENERGIZED)
   2. COIL TERMINALS AND CASE.

   (5) INSULATION RESISTANCE: 1000 MEGOHMS MINIMUM, USING A 500 VOLT DC TEST POTENTIAL APPLIED BETWEEN
   (a) COIL TERMINALS, COMMONLY CONNECTED, AND CASE
   (b) EACH NORMALLY OPEN CONTACT AND CASE
   (c) EACH MOVABLE, OR "COMMON" CONTACT AND CASE (WITH COIL DEENERGIZED)
   (d) ALL CONTACT TERMINALS, COMMONLY CONNECTED, AND THE COIL TERMINALS.

   (6) OPERATE TIME; 6 MILLISECONDS MAXIMUM OVER THE AMBIENT TEMPERATURE RANGE.

   (7) RELEASE TIME: 6 MILLISECONDS MAXIMUM OVER THE AMBIENT TEMPERATURE RANGE.

   (8) CONTACT BOUNCE TIME: 3 MILLISECONDS MAXIMUM OVER THE AMBIENT TEMPERATURE RANGE. (CONTACT BOUNCE TIME IS NOT TO BE INCLUDED IN OPERATE AND RELEASE TIME).
   CONTACT LOAD 100 MA

PROCURE ONLY FROM APPROVED SOURCES LISTED ON ND 1002034 FOR THIS DRAWING.

MASTER

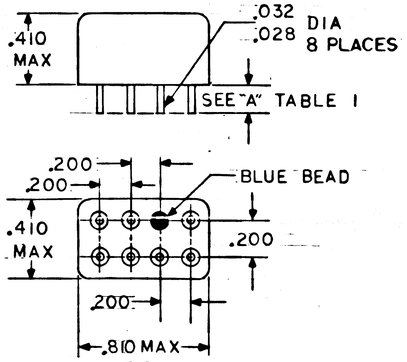
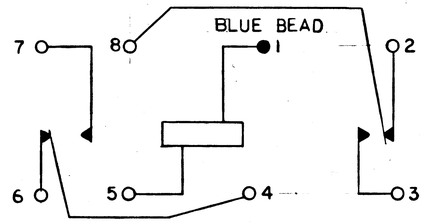


FIG. 1



SCHEMATIC A
CONTACTS SHOWN DE-ENERGIZED
(NUMBERS FOR REF ONLY)

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTES

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

DRAWN	George Tsafkis	2 MAY 66
CHECKED	[illegible]	3 MAY 66
APPROVED		
APPROVED	Ellen C. Hall	10 May 66
APPROVED MIT	[illegible]	5 10 66
APPROVED MSC	[illegible]	DATE

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

RELAY, ARMATURE
(GENERAL PURPOSE)
SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	DRAWING NO.
80230	C	1005003
SCALE NONE		SHEET 1 OF 3

1005003

MODERN BLUE PRINT CO. D-19550

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OF ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

— 1006271

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
-	INITIAL RELEASE CLASS A PER TDRR 07499	4/6/64	WK EPM

REQUIREMENTS:

1. GENERAL:

   A. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.

   B. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS AS CONTAINED IN ND 1015404, CLASS 3.

   C. MARKING: CONTAINERS SHALL BE MARKED INTERNALLY AND/OR EXTERNALLY IN ACCORDANCE WITH ND 1002019 WITH THE MANUFACTURER'S NAME AND/OR SYMBOL, NAME OF CONTENTS, LOT OR SERIAL NUMBER, DATE OF MANUFACTURE, EXPIRATION DATE, QUANTITY ENCLOSED AND THE NASA DRAWING NUMBER, REVISION LETTER AND DASH NUMBER.

2. ACCEPTANCE AND INSPECTION:

   A. PROPERTIES:

   (1) COLOR: IN ACCORDANCE WITH TABLE I.

   (2) PHYSICAL STATE: LIQUID.

3. DESIGN:

   A. THIS INK IS AN EPOXY BASED THERMOSETTING INK WHICH REQUIRES A CATALYST FOR CURING. CURED COLORS ARE RESISTANT TO ACIDS, ALKALIS AND SOLVENTS.

   B. MIXING RATIOS: THIS INK SHALL BE MIXED IN THE PROPORTIONS SPECIFIED IN TABLE I WITH CATALYST PER NASA DRAWING 1006272

   C. CURING: EPOXY DESCRIBED HEREIN WHEN MIXED WITH CATALYST PER NASA DRAWING 1006272 IN ACCORDANCE WITH TABLE I WILL AIR DRY WITHOUT HEAT IN ABOUT ONE HOUR. GOOD SOLVENT RESISTANCE IS ACHIEVED IN ABOUT 24 HOURS, AND COMPLETE CURE IS ATTAINED IN ABOUT 7 DAYS.

   D. SHELF-LIFE: THIS EPOXY WHEN STORED IN CLEAN TIGHTLY CLOSED CONTAINERS AT A TEMPERATURE FROM 55°F TO 75°F SHALL HAVE A SHELF-LIFE OF SIX (6) MONTHS MINIMUM FROM DATE OF RECEIPT.

TABLE I

DASH NO.	COLOR	PARTS OF CATALYST PER 100 PARTS OF INK
-1	WHITE	6
-2	FLAT WHITE	5
-3	PRIMROSE YELLOW	6
-4	MEDIUM YELLOW	6
-5	EMERALD GREEN	6
-6	MEDIUM BLUE	7.5
-7	DEEP RED	6
-8	CADMIUM RED	6
-9	MEDIUM RED	6
-10	BLACK	7
-11	FLAT BLACK	4
-12	CLEAR	9
-13	FLAT CLEAR	6

MASTER

PROCURE ONLY FROM APPROVED SOURCES LISTED IN ND 1002034 FOR THIS DRAWING.

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTES
HEAT TREATMENT
FINAL FINISH

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG. NO. CONTRACT

DRAWN S.T. Quirk DATE 11 MAR 64
CHECKED J. Weinberg 3/10/64
APPROVAL
APPROVAL Elden O Hall 3 April 64
NASA APPROVAL W. Fischer 4/2/64
MIT APPROVAL W. Cliffer 4/7/64

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

INK, MARKING

SPECIFICATION CONTROL DRAWING

CODE IDENT NO. —
SIZE C
NASA DRAWING NO. 1006271
SCALE NONE WT SHEET 1 OF 1

INCHES 0 1 2
PHOTOGRAPHIC SCALE ONLY

1006271

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

A 1006271

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
-	INITIAL RELEASE CLASS A PER TDRR 07499	4/16/64	WK EPM
A	REVISED PER TDRR 11070	7/24/64	WK

REQUIREMENTS:

1. GENERAL:

   A. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.

   B. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS AS CONTAINED IN ND 1015404, CLASS 3.

   C. MARKING: CONTAINERS SHALL BE MARKED INTERNALLY AND/OR EXTERNALLY IN ACCORDANCE WITH ND 1002019 WITH THE MANUFACTURER'S NAME AND/OR SYMBOL, NAME OF CONTENTS, LOT OR SERIAL NUMBER, DATE OF MANUFACTURE, EXPIRATION DATE, QUANTITY ENCLOSED AND THE NASA DRAWING NUMBER, REVISION LETTER AND DASH NUMBER.

2. ACCEPTANCE AND INSPECTION:

   A. PROPERTIES:

   (1) COLOR: IN ACCORDANCE WITH TABLE I.

   (2) PHYSICAL STATE: LIQUID.

3. DESIGN:

   A. THIS INK IS AN EPOXY BASED THERMOSETTING INK WHICH REQUIRES A CATALYST FOR CURING. CURED COLORS ARE RESISTANT TO ACIDS, ALKALIS AND SOLVENTS.

   B. MIXING RATIOS: THIS INK SHALL BE MIXED IN THE PROPORTIONS SPECIFIED IN TABLE I WITH CATALYST PER NASA DRAWING 1006272

   C. CURING: EPOXY DESCRIBED HEREIN WHEN MIXED WITH CATALYST PER NASA DRAWING 1006272 IN ACCORDANCE WITH TABLE I WILL AIR DRY WITHOUT HEAT IN ABOUT ONE HOUR. GOOD SOLVENT RESISTANCE IS ACHIEVED IN ABOUT 24 HOURS, AND COMPLETE CURE IS ATTAINED IN ABOUT 7 DAYS.

   D. SHELF-LIFE: THIS EPOXY WHEN STORED IN CLEAN TIGHTLY CLOSED CONTAINERS AT A TEMPERATURE FROM 55°F TO 75°F SHALL HAVE A SHELF-LIFE OF TWELVE MONTHS MINIMUM FROM DATE OF RECEIPT.

TABLE I

DASH NO.	COLOR	PARTS OF CATALYST PER 100 PARTS OF INK
-1	WHITE	6
-2	FLAT WHITE	5
-3	PRIMROSE YELLOW	6
-4	MEDIUM YELLOW	6
-5	EMERALD GREEN	6
-6	MEDIUM BLUE	7.5
-7	DEEP RED	6
-8	CADMIUM RED	6
-9	MEDIUM RED	6
-10	BLACK	7
-11	FLAT BLACK	4
-12	CLEAR	9
-13	FLAT CLEAR	6

MASTER

Twelve

PROCURE ONLY FROM APPROVED SOURCES LISTED IN ND 1002034 FOR THIS DRAWING.

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTES
HEAT TREATMENT
FINAL FINISH

LIST OF MATERIALS

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG. NO. CONTRACT
DRAWN S.T. Dalton DATE 11 MAR 64
CHECKED C. Waldhauer 4 APR 64
APPROVAL
APPROVAL Eldon C Hall 3 April 64
NASA APPROVAL [illegible] 4/2/64
MIT APPROVAL [illegible] 4/7/64

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

INK, MARKING

SPECIFICATION CONTROL DRAWING

CODE IDENT NO. —
SIZE C
NASA DRAWING NO. 1006271
SCALE NONE
WT
SHEET 1 OF 1

INCHES 0 1 2
PHOTOGRAPHIC SCALE ONLY

1006271 A

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

8 1006271

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
-	INITIAL RELEASE CLASS A PER TDRR 07499	4/7/64	WK ROM
A	REVISED PER TDRR 11050	7/28/64	WK
B	REVISED PER TDRR 11515	8/12/64	WK

REQUIREMENTS:

1. GENERAL:

   A. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.

   B. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS AS CONTAINED IN ND 1015404, CLASS 3.

   C. MARKING: CONTAINERS SHALL BE MARKED INTERNALLY AND/OR EXTERNALLY IN ACCORDANCE WITH ND 1002019 WITH THE MANUFACTURER'S NAME AND/OR SYMBOL, NAME OF CONTENTS, LOT OR SERIAL NUMBER, DATE OF MANUFACTURE, EXPIRATION DATE, QUANTITY ENCLOSED AND THE NASA DRAWING NUMBER, REVISION LETTER AND DASH NUMBER.

2. ACCEPTANCE AND INSPECTION:

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   (2) PHYSICAL STATE: LIQUID.

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   C. CURING: EPOXY DESCRIBED HEREIN WHEN MIXED WITH CATALYST PER NASA DRAWING 1006272 IN ACCORDANCE WITH TABLE I WILL AIR DRY WITHOUT HEAT IN ABOUT ONE HOUR. GOOD SOLVENT RESISTANCE IS ACHIEVED IN ABOUT 24 HOURS, AND COMPLETE CURE IS ATTAINED IN ABOUT 7 DAYS.

   D. SHELF-LIFE: THIS EPOXY WHEN STORED IN CLEAN TIGHTLY CLOSED CONTAINERS AT A TEMPERATURE FROM 55°F TO 75°F SHALL HAVE A SHELF-LIFE OF TWELVE MONTHS MINIMUM FROM DATE OF RECEIPT.

TABLE I

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-6	MEDIUM BLUE	7.5
-7	DEEP RED	6
-8	CADMIUM RED	6
-9	MEDIUM RED	6
-10	BLACK	7
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-12	CLEAR	9
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Twelve

MASTER

PROCURE ONLY FROM APPROVED SOURCES LISTED IN ND 1002034 FOR THIS DRAWING.

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTES
HEAT TREATMENT
FINAL FINISH

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS			

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG. NO. — CONTRACT

DRAWN S.T. Dubuc DATE 11 MAR 64
CHECKED J. Waldmanis #15 M 3 APR 64
APPROVAL
APPROVAL Elden O Hall 3 Apr 64
NASA APPROVAL K. Minnick 4/2/64
MIT APPROVAL W. Geffcken 4-7-64

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

INK, MARKING

SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
	C	1006271
SCALE NONE	WT	SHEET 1 OF 1

INCHES 0 1 2 PHOTOGRAPHIC SCALE ONLY

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

C 1029001

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
-	INITIAL RELEASE CLASS A PER TDRR 07499	4/7/64	WR RPM
A	REVISED PER TDRR 11050	7/28/64	WR
B	REVISED PER TDRR 11515	8/12/64	WR
C	REVISED PER TDRR 17481	11/6/64	WR

REQUIREMENTS:

1. GENERAL:

   A. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.

   B. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS AS CONTAINED IN ND 1015404, CLASS 3.

   C. MARKING: CONTAINERS SHALL BE MARKED INTERNALLY AND/OR EXTERNALLY IN ACCORDANCE WITH ND 1002019 WITH THE MANUFACTURER'S NAME AND/OR SYMBOL, NAME OF CONTENTS, LOT OR SERIAL NUMBER, DATE OF MANUFACTURE, EXPIRATION DATE, QUANTITY ENCLOSED AND THE NASA DRAWING NUMBER, REVISION LETTER AND DASH NUMBER.

2. ACCEPTANCE AND INSPECTION:

   A. PROPERTIES:

      (1) COLOR: IN ACCORDANCE WITH TABLE I.

      (2) PHYSICAL STATE: LIQUID.

3. DESIGN:

   A. THIS INK IS AN EPOXY BASED THERMOSETTING INK WHICH REQUIRES A CATALYST FOR CURING. CURED COLORS ARE RESISTANT TO ACIDS, ALKALIS AND SOLVENTS.

   B. MIXING RATIOS: THIS INK SHALL BE MIXED IN THE PROPORTIONS SPECIFIED IN TABLE I WITH CATALYST PER NASA DRAWING 1006272 THIS MATERIAL SHALL BE THINNED TO SILK SCREENING OR BRUSHING VISCOSITY USING SCD1006274. FOR SPRAYING VISCOSITY, THE FOLLOWING BLEND SHALL BE USED:
      IN ACCORDANCE WITH TABLE I WILL AIR DRY WITH
      IN ABOUT ONE HOUR. GOOD SOLVENT RESISTANCE IS ACHIEVED
      IN ONE PART EACH: TOLUENE, TT-T-548 MIBK (METHYL ISOBUTYL KETONE)/TT-M-268
      DAYS. AND ETHYLENE GLYCOL MONOETHYL ETHER /TT-E-781

   C. CURING: EPOXY DESCRIBED HEREIN WHEN MIXED WITH CATALYST PER NASA DRAWING 1006272 IN ACCORDANCE WITH TABLE I WILL AIR DRY WITHOUT HEAT IN ABOUT ONE HOUR. GOOD SOLVENT RESISTANCE IS ACHIEVED IN ABOUT 24 HOURS, AND COMPLETE CURE IS ATTAINED IN ABOUT 24 HOURS, AND COMPLETE CURE IS ATTAINED IN ABOUT 7 DAYS.

   D. THIS INK SHALL NOT FLAKE, CRACK, PEEL OR SHOW ANY SIGNIFICANT LOSS OF ADHESION TO THE SUBSTRATE WHEN EXPOSED TO 99 ± 2% OXYGEN AT 5.0 ± 0.2 PSIA FOR 14 DAYS AT A TEMPERATURE OF 150° ± 5°F. TEST PANELS SHALL BE 6061-T6 ALUMINUM, ANODIZED PER MIL-A-8625 TYPE II, MARKED WITH SUITABLE CHARACTERS PER ND 1002019. VISUAL EXAMINATION SHALL BE AT 5X MAGNIFICATION. ADHESION SHALL BE DETERMINED USING #250 3M TAPE, OR EQUIVALENT.

   E. SHELF-LIFE: THIS EPOXY WHEN STORED IN CLEAN TIGHTLY CLOSED CONTAINERS AT A TEMPERATURE FROM 55°F TO 75°F SHALL HAVE A SHELF-LIFE OF TWELVE MONTHS MINIMUM FROM DATE OF RECEIPT.

TABLE I

DASH NO.	COLOR	PARTS BY WEIGHT OF CATALYST PER 100 PARTS OF INK
-1	WHITE	6
-2	FLAT WHITE	5
-3	PRIMROSE YELLOW	6
-4	MEDIUM YELLOW	6
-5	EMERALD GREEN	6
-6	MEDIUM BLUE	7.5
-7	DEEP RED	6
-8	CADMIUM RED	6
-9	MEDIUM RED	6
-10	BLACK	7
-11	FLAT BLACK	4
-12	CLEAR	9
-13	FLAT CLEAR	6

MASTER

PROCURE ONLY FROM APPROVED SOURCES LISTED IN ND 1002034 FOR THIS DRAWING.

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTES
HEAT TREATMENT
FINAL FINISH

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG. NO. CONTRACT
DRAWN S.T. Dalich DATE 11 MAR 64
CHECKED [illegible] DATE 3/10/64
APPROVAL
APPROVAL Eldon C Hall 3 April 64
NASA APPROVAL [illegible] 4/1/64
MIT APPROVAL [illegible] 4/7/64

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

INK, MARKING

SPECIFICATION CONTROL DRAWING

CODE IDENT NO. —— SIZE C NASA DRAWING NO. 1006271
SCALE NONE WT SHEET 1 OF 1

4 | 3 | 2 | 1

1006347

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE CLASS A PER TDRR 20102	6-15-65	

REQUIREMENTS:

1. GENERAL:

A. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.

B. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS CONTAINED IN ND 1015404, CLASS 2

C. PART MARKING: UNITS SHALL BE MARKED: PER ND 1002019, USING INK PER 1010920 ON THE SURFACE(S) INDICATED: WITH THE MANUFACTURER'S SYMBOL, LOT CODE OR NUMBER, AND NASA PART NUMBER (DRAWING NUMBER AND REVISION LETTER).

D. PREPARATION FOR DELIVERY SHALL BE IN ACCORDANCE WITH ND 1002215, CLASS I , CODE 1 .

(1) MARKING OF SHIPPING CONTAINERS SHALL CONFORM TO THE MARKING OF UNIT AND INTERMEDIATE PACKAGES AND THE METHODS OF MARKING PER ND 1002215.

2. ACCEPTANCE & INSPECTION (100%)

A. MECHANICAL PROPERTIES:

(1) DIMENSIONS: AS DELINEATED HEREIN.

(2) MARKING: AS SPECIFIED IN NOTES 1.C AND 1.D.

(3) COMPRESSION: RUBBER SEAL PORTION SHALL BE CAPABLE OF BEING COMPRESSED TO THE LEVEL OF THE PLATE WITHOUT DAMAGE.

(4) SURFACE ROUGHNESS 125

B. VENDOR SUPPLIED DATA: EACH SHIPMENT OF PARTS SHALL BE ACCOMPANIED BY THE FOLLOWING DOCUMENTATION.

(1) CERTIFICATE OF COMPLIANCE WITH MATERIAL, HARDNESS AND FINISH REQUIREMENTS.

(2) CERTIFICATE OF COMPLIANCE FOR ND1015404, CLASS 2

3. DESIGN:

A. STORAGE LIFE: ONE YEAR MINIMUM (RUBBER GASKET) WHEN STORED AT ORDINARY ROOM CONDITIONS (77 ± 5°F AND 50% RH).

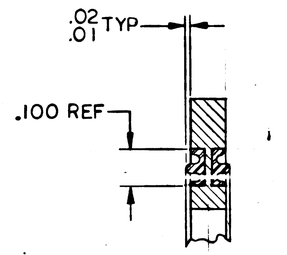
B. CONSTRUCTION: MACHINED OR PRECISION CAST ALUMINUM PLATE WITH BUTYL RUBBER GASKETS MOLDED IN PLACE.

(1) MATERIAL AND FINISH, PLATE: 6061-T6 ALUMINUM ALLOY PER QQ-A-250/11, CHROMATE PER MIL-C-5541, TYPE II, GRADE C, CLASS 3

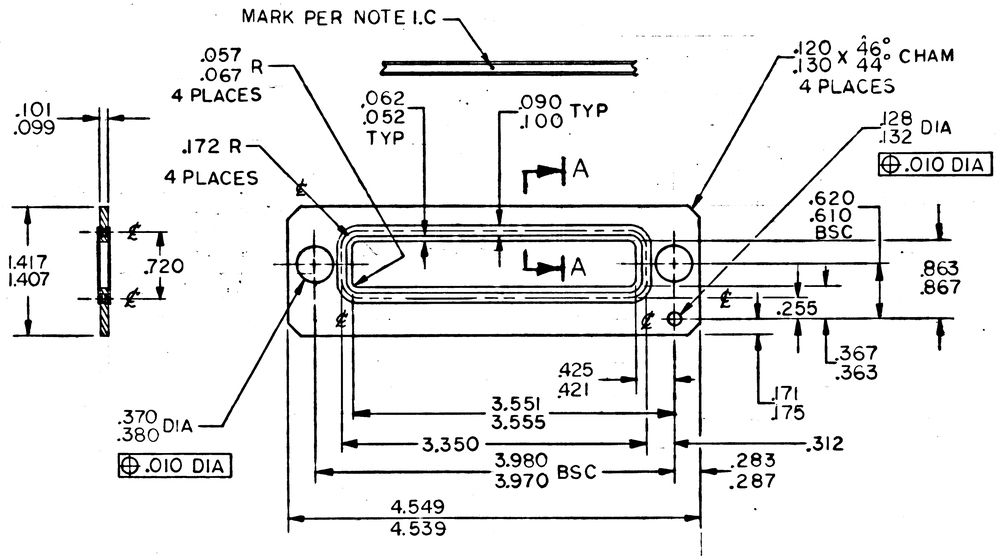
(2) MATERIAL, RUBBER GASKET: BUTYL TYPE RUBBER PER AMS-3238A.

(3) HARDNESS, RUBBER: 70 ± 5 SHORE A DUROMETER (ASTM D-785).

C. SEALING: WHEN COMPRESSED TO THE PLATE LEVEL THE RUBBER SHALL BE CAPABLE OF SEALING AGAINST A LEAKAGE OF 10^{-8} ATM CC/SEC/INCH OF SEAL OF DRY NITROGEN AT A PRESSURE DIFFERENTIAL OF 2 ATMOSPHERES.



SECTION A-A
ENLARGED



PROCURE ONLY FROM APPROVED SOURCES LISTED IN ND 1002034 FOR THIS DRAWING.

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON
DECIMALS .xx ± DECIMALS .xxx ± ANGLES ±
DO NOT SCALE DRAWING

MATERIAL
SEE NOTE

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

DRAWN Wallenberg DATE 26 APR 65
CHECKED
APPROVAL
APPROVAL
APPROVAL
NASA APPROVAL
MIT APPROVAL
MIT APPROVAL

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

GASKET PLATE, BONDED RUBBER, RETAINED
SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
49956	C	1006347

SCALE NONE | WT | SHEET 1 OF 1

4 | 3 | 2 | 1

A	1006347

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE CLASS A PER TDRR 20102	6-15-65	WK
A	REVISED PER TDRR 21322	1 Dec 65	WK

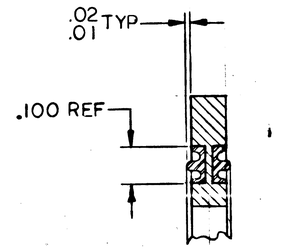
REQUIREMENTS:

1. GENERAL:
   - A. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.
   - B. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS CONTAINED IN ND 1015404, CLASS 2
   - C. PART MARKING: UNITS SHALL BE MARKED: PER ND 1002019, USING INK PER 1010920 ON THE SURFACE(S) INDICATED: WITH THE MANUFACTURER'S SYMBOL, LOT CODE OR NUMBER, AND NASA PART NUMBER (DRAWING NUMBER AND REVISION LETTER).
   - D. PREPARATION FOR DELIVERY SHALL BE IN ACCORDANCE WITH ND 1002215, CLASS I , CODE 1 .
     - (1) MARKING OF SHIPPING CONTAINERS SHALL CONFORM TO THE MARKING OF UNIT AND INTERMEDIATE PACKAGES AND THE METHODS OF MARKING PER ND 1002215.

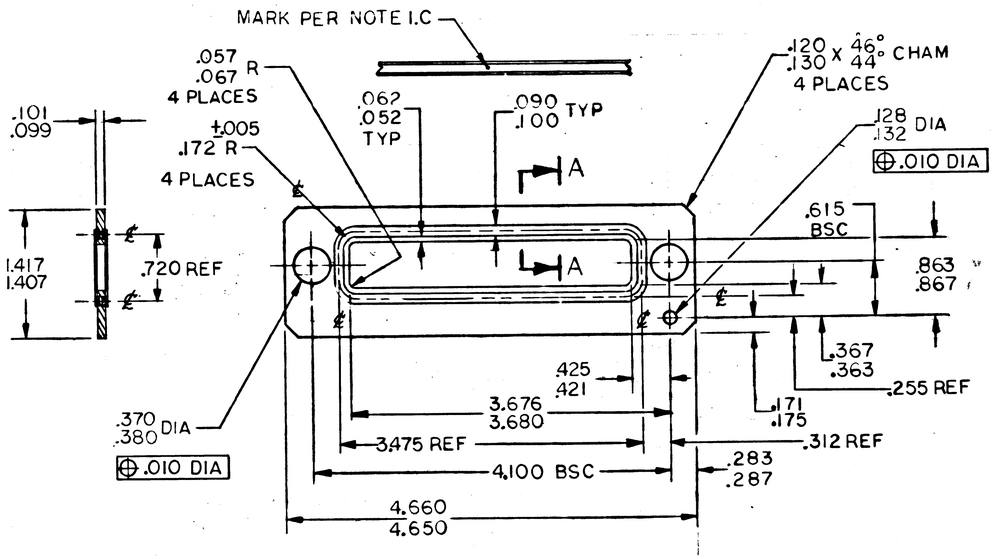
2. ACCEPTANCE & INSPECTION (100%)
   - A. MECHANICAL PROPERTIES:
     - (1) DIMENSIONS: AS DELINEATED HEREIN.
     - (2) MARKING: AS SPECIFIED IN NOTES 1.C AND 1.D.
     - (3) COMPRESSION: RUBBER SEAL PORTION SHALL BE CAPABLE OF BEING COMPRESSED TO THE LEVEL OF THE PLATE WITHOUT DAMAGE.
     - (4) SURFACE ROUGHNESS 125 ✓
   - B. VENDOR SUPPLIED DATA: EACH SHIPMENT OF PARTS SHALL BE ACCOMPANIED BY THE FOLLOWING DOCUMENTATION.
     - (1) CERTIFICATE OF COMPLIANCE WITH MATERIAL, HARDNESS AND FINISH REQUIREMENTS.
     - (2) CERTIFICATE OF COMPLIANCE FOR ND1015404, CLASS 2

3. DESIGN:
   - A. STORAGE LIFE: ONE YEAR MINIMUM (RUBBER GASKET) WHEN STORED AT ORDINARY ROOM CONDITIONS (77 ± 5°F AND 50% RH).
   - B. CONSTRUCTION: MACHINED OR PRECISION CAST ALUMINUM PLATE WITH BUTYL RUBBER GASKETS MOLDED IN PLACE.
     - (1) MATERIAL AND FINISH, PLATE: 6061-T6 ALUMINUM ALLOY PER QQ-A-250/11, CHROMATE PER MIL-C-5541, TYPE II, GRADE C, CLASS 3
     - (2) MATERIAL, RUBBER GASKET: BUTYL TYPE RUBBER PER AMS-3238A.
     - (3) HARDNESS, RUBBER: 70 ± 5 SHORE A DUROMETER (ASTM D-785).
   - C. SEALING: WHEN COMPRESSED TO THE PLATE LEVEL THE RUBBER SHALL BE CAPABLE OF SEALING AGAINST A LEAKAGE OF 10^{-8} ATM CC/SEC/INCH OF SEAL OF DRY NITROGEN AT A PRESSURE DIFFERENTIAL OF 2 ATMOSPHERES.

PROCURE ONLY FROM APPROVED SOURCES LISTED IN ND 1002034 FOR THIS DRAWING.



SECTION A-A
ENLARGED



QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON
DECIMALS .xx ± DECIMALS .xxx ± ANGLES ±

DO NOT SCALE DRAWING

MATERIAL
SEE NOTE

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

DRAWN	Wahlenberg DATE 26 APR 65
CHECKED	
APPROVAL	
APPROVAL	
APPROVAL	
NASA APPROVAL	
MIT APPROVAL	
MIT APPROVAL	

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

GASKET PLATE, BONDED RUBBER, RETAINED

SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
49956	C	1006347

SCALE NONE	WT	SHEET 1 OF 1

1006347 A B

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

A	1279001

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
	TAKEN FROM DRAWING NO. C-88794-E	7-19-62	
A	REVISED PER TDRR 00064	10-5-62	10/11/62

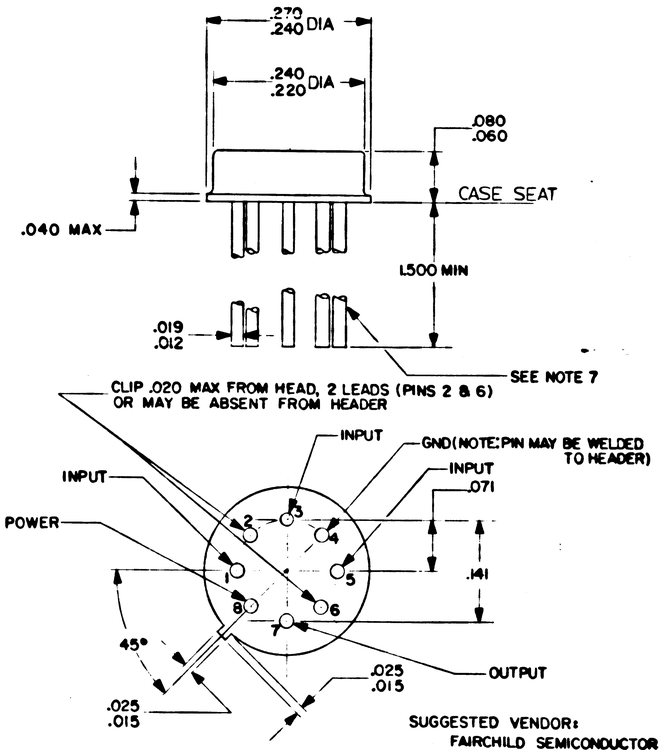
NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.
2. THE SPECIFIED LEAD DIAMETER APPLIES TO THE ZONE BETWEEN .050 AND .250 FROM THE CASE SEAT. BETWEEN .250 AND THE END OF LEAD A MAXIMUM OF .021 IS HELD. OUTSIDE OF THESE ZONES THE LEAD DIAMETER IS NOT CONTROLLED.
3. MAXIMUM DIAMETER LEADS AT A GAGING PLANE .054 $\pm^{.001}_{.000}$ BELOW CASE SEAT TO BE WITHIN .007 OF THEIR TRUE LOCATION RELATIVE TO MAX. WIDTH TAB AND TO THE MAXIMUM .270 DIAMETER MEASURED WITH A SUITABLE GAGE. WHEN GAGE IS NOT USED, MEASUREMENT WILL BE MADE AT SEATING PLANE.
4. INDEX TAB FOR VISUAL ORIENTATION ONLY.
5. MEASURED FROM MAX. DIAMETER OF THE ACTUAL DEVICE.
6. ~~LEAD MAT'L~~ ND1002001
2. PIN 4 ELECTRICALLY CONNECTED TO CASE

DESIGN PARAMETERS 25±2°C AMBIENT (UNLESS OTHERWISE SPECIFIED)

PARAMETER	CONDITIONS AT PINS 1	3	4	5	7	8	MIN	MAX
BASE CURRENT I_1	.785V	.790V	GND	.790V		3V		.680 ma
BASE CURRENT I_2	.790V	.785V		.790V				.680 ma
BASE CURRENT I_3	.790V	.790V		.785V				.680 ma
OUTPUT VOLTAGE PIN 7	.785V	OPEN		OPEN	Vo			.400V
OUTPUT VOLTAGE PIN 7	OPEN	.785V		OPEN	Vo			.400V
OUTPUT VOLTAGE PIN 7	OPEN	OPEN		.785V	Vo			.400V
OUTPUT CURRENT AT PIN 7	.540V	.540V		.540V	.785V		3.48 ma	
SATURATION VOLTAGE	1.20V	OPEN		OPEN	Vs			.35V
SATURATION VOLTAGE	OPEN	1.20V		OPEN	Vs			.35V
SATURATION VOLTAGE	OPEN	OPEN		1.20V	Vs			.35V
LEAKAGE CURRENT	OPEN	OPEN		OPEN	6V			100 MICRO AMPS
EMITTER BASE REVERSE CURRENT IEBO	GND	GND	6.5V	GND	OPEN	OPEN		1 ma
COLLECTOR CUTOFF CURRENT	GND	GND	OPEN	GND	10	OPEN		1 ma

MAXIMUM RATINGS AT 25°C	
MAXIMUM VOLTAGE TO PIN 8	+15.0 VOLTS
MAXIMUM VOLTAGE APPLIED TO ANY INPUT PIN	±4.0 VOLTS
STORAGE TEMPERATURE	-65°C TO +200°C
OPERATING TEMPERATURE	0 TO 70°C
MAXIMUM AVERAGE PROPAGATION DELAY	35n SEC
FAN OUT OF 5 WITH FAN IN OF 3 FROM	0 TO 70°C



BOTTOM VIEW

FOR INFORMATION ONLY

CLASS B RELEASE TDR No. 00027 DATE 9-13-62

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL
HEAT TREATMENT
FINAL FINISH

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG. NO. CONTRACT

DRAWN R. CHIN DATE 7-19-62
CHECKED Lee Morton
APPROVAL W B Tanner
APPROVAL Elden C Hall
NASA APPROVAL 7-19-62
MIT APPROVAL 9/13/62

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

MICRO-NOR GATE (TO 47 SIZE)

SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
	C	1006771
SCALE NONE	WT	SHEET 1 OF 1

INCHES
0 1 2
PHOTOGRAPHIC SCALE ONLY

1006771 A

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

B 1006771 M

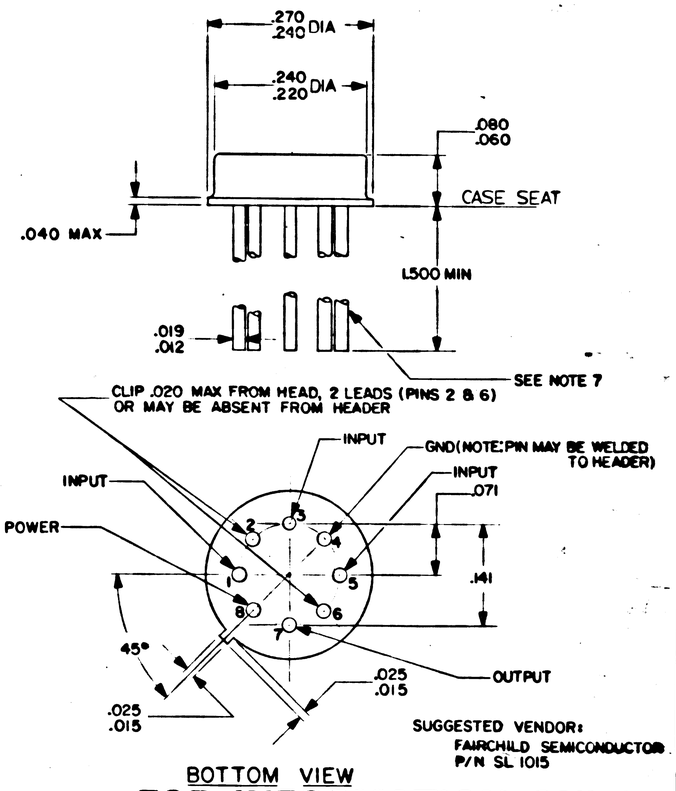
REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
	TAKEN FROM DRAWING NO. C-887948	7-19-62	
(M) A	REVISED PER TDRR 00064	10-5-62	[illegible] 10/11/62
(M) B	REVISED PER TDRR 00081	10-23-62	[illegible] 10/31/62

NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.
2. THE SPECIFIED LEAD DIAMETER APPLIES TO THE ZONE BETWEEN .050 AND .250 FROM THE CASE SEAT. BETWEEN .250 AND THE END OF LEAD A MAXIMUM OF .021 IS HELD. OUTSIDE OF THESE ZONES THE LEAD DIAMETER IS NOT CONTROLLED.
3. MAXIMUM DIAMETER LEADS AT A GAGING PLANE .054 $\pm \frac{.001}{.000}$ BELOW CASE SEAT TO BE WITHIN .007 OF THEIR TRUE LOCATION RELATIVE TO MAX. WIDTH TAB AND TO THE MAXIMUM .270 DIAMETER MEASURED WITH A SUITABLE GAGE. WHEN GAGE IS NOT USED, MEASUREMENT WILL BE MADE AT SEATING PLANE.
4. INDEX TAB FOR VISUAL ORIENTATION ONLY.
5. MEASURED FROM MAX. DIAMETER OF THE ACTUAL DEVICE.
6. LEAD MAT'L ND1002001 [illegible]
2. PIN 4 ELECTRICALLY CONNECTED TO CASE

DESIGN PARAMETERS 25±5°C AMBIENT (UNLESS OTHERWISE SPECIFIED)									
PARAMETER	CONDITIONS AT PINS 1	2	3	4	5	7	8	MIN	MAX
BASE CURRENT I_1	.785V	.790V	GND	.790V			+3.0V		.680 ma
BASE CURRENT I_2	.790V	.785V		.790V					.680 ma
BASE CURRENT I_3	.790V	.790V		.785V					.680 ma
OUTPUT VOLTAGE PIN 7	.785V	OPEN		OPEN	Vo				.400V
OUTPUT VOLTAGE PIN 7	OPEN	.785V		OPEN	Vo				.400V
OUTPUT VOLTAGE PIN 7	OPEN	OPEN		.785V	Vo				.400V
OUTPUT CURRENT AT PIN 7	.540V	.540V		.540V	.785V			3.40 Ma	
SATURATION VOLTAGE	1.20V	OPEN		OPEN	Vs				.35V
SATURATION VOLTAGE	OPEN	1.20V		OPEN	Vs				.35V
SATURATION VOLTAGE	OPEN	OPEN		1.20V	Vs				.35V
LEAKAGE CURRENT ICE_o	OPEN	OPEN	GND	OPEN	5.0V		+3.0V		100 MICRO AMPS
EMITTER BASE REVERSE CURRENT IEBO	GND	GND	6.5V	GND	OPEN		OPEN		1 ma
COLLECTOR CUTOFF CURRENT ICB_o	GND	GND	OPEN	GND	8.0V		OPEN		1 ma

MAXIMUM RATINGS AT 25°C	
MAXIMUM VOLTAGE TO PIN 8	+15.0 VOLTS
MAXIMUM VOLTAGE APPLIED TO ANY INPUT PIN	±4.0 VOLTS
STORAGE TEMPERATURE	-65°C TO +200°C
OPERATING TEMPERATURE	0 TO 70°C
MAXIMUM AVERAGE PROPAGATION DELAY	35n SEC
FAN OUT OF 5 WITH FAN IN OF 3	0 TO 70°C



BOTTOM VIEW

FOR INFORMATION ONLY

9-13-62

CLASS B RELEASE TDR No. 00027 DATE

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS			

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± — DECIMALS ± — ANGLES ± —
DO NOT SCALE THIS DRAWING
MATERIAL —
HEAT TREATMENT —
FINAL FINISH —

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS. DWG. NO. CONTRACT

DRAWN R. CHIN DATE 7-19-62
CHECKED Joe Morton
APPROVAL W B Tanner
APPROVAL Elden C Hall
NASA APPROVAL W J Kline 9-13-62
MIT APPROVAL W H Cuffe 9/13/62

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

MICRO-NOR GATE (TO 47 SIZE)
SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
	C	1006771
SCALE NONE	WT —	SHEET 1 OF 1

INCHES
0 1 2
PHOTOGRAPHIC SCALE ONLY

1006771 B

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

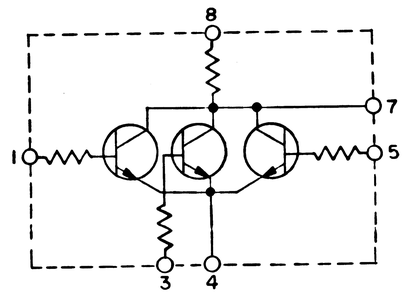
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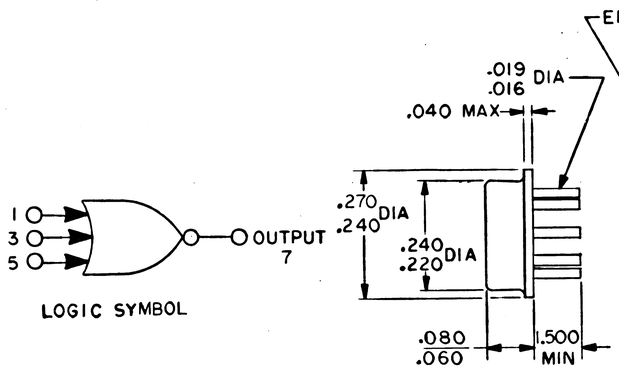
REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
H	REPLACES REV G WITH CHANGES AND UPGRADED TO CLASS A RELEASE PER TDRR 00562	5-13-63	WK

NOTES:

1. GENERAL REQUIREMENTS:
   - A. UNIT SHALL BE IN ACCORDANCE WITH MIL-S-19500 IN ADDITION TO THE REQUIREMENTS HEREIN.
   - B. ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT:
     - (1) VOLTAGE TO PIN 8: PLUS 10.0 VOLTS WITH RESPECT TO PIN 4.
     - (2) VOLTAGE APPLIED TO ANY INPUT PIN (1,3, OR 5): PLUS OR MINUS 4 VOLTS WITH RESPECT TO PIN 4.
     - (3) THERMAL RESISTANCE, JUNCTION-CASE, (θ_{JC}): 200°C/WATT.
     - (4) THERMAL RESISTANCE, JUNCTION-AMBIENT, (θ_{JA}): 500°C/WATT.
   - C. TEMPERATURE:
     - (1) TEMPERATURE RANGE, JUNCTION, OPERATING: -55°C TO +125°C.
     - (2) TEMPERATURE RANGE, JUNCTION, STORAGE: -65°C TO +150°C.
     - (3) TEMPERATURE, SOLDERING LEADS: +250°C (1 MINUTE MAX).
   - D. MARKING: UNITS SHALL BE MARKED IN ACCORDANCE WITH STANDARD MIL-STD-130, WITH THE MANUFACTURER'S IDENTIFICATION, DATE CODE, AND THE NUMBER 771. THE NASA DRAWING NUMBER AND REVISION LETTER SHALL BE MARKED ON EACH INTERIOR AND EXTERIOR SHIPPING CONTAINER AS WELL AS ON A TAG TO BE INCLUDED IN EACH SHIPPING CONTAINER.
2. CONSTRUCTION REQUIREMENTS:
   - A. SEMICONDUCTOR: SILICON, NPN.
   - B. ENCLOSURE: METAL CASE WITH GLASS HEADER, HERMETICALLY SEALED, REF. JEDEC (TO-47) OUTLINE.
   - C. LEADS: LEAD MATERIAL SHALL BE IN ACCORDANCE WITH NASA DOCUMENT PS 1015402. A CERTIFICATE OF COMPLIANCE FOR LEAD MATERIAL SHALL ACCOMPANY EACH LOT SHIPPED.
   - D. PIN 4 SHALL BE ELECTRICALLY CONNECTED TO THE CASE. PIN MAY BE WELDED TO HEADER.
3. QUALITY ASSURANCE REQUIREMENTS:
   - A. LOT: A LOT IS DEFINED AS A GROUP OF PARTS IN A SINGLE PROCUREMENT SELECTED FROM A SINGLE CONTINUOUS PRODUCTION RUN USING LIKE MATERIALS WHICH ARE CONTROLLED USING A PROCESS WHICH IS THE SAME FROM THE BEGINNING TO THE END OF THE RUN. MAXIMUM NUMBER OF UNITS IN ANY LOT WILL BE 5000 UNITS.
   - B. INSPECTION CONDITIONS: UNLESS OTHERWISE SPECIFIED HEREIN ALL ELECTRICAL TESTS SHALL BE MADE AT AN AMBIENT TEMPERATURE OF PLUS 25 PLUS OR MINUS 1/2 DEGREE CENTIGRADE.
   - C. ACCEPTANCE INSPECTION: PER TESTS IN TABLES I, II AND III AS INDICATED BELOW.
     - (1) THE PRE-ELECTRICAL TEST PROCESSING DEFINED IN TABLE I SHALL BE PERFORMED IN THE SEQUENCE INDICATED BEFORE THE TESTS OF TABLE II ON ALL LOTS NUMBERING LESS THAN 501 UNITS.
     - (2) UNITS USED IN QUALITY DEMONSTRATION TESTS OF TABLE III WILL NOT BE SHIPPED AS PART OF THE DELIVERY SCHEDULE BUT WILL BE FORWARDED ALONG WITH TEST DATA UNDER SEPARATE COVER, TO THE PURCHASER, ATTENTION: RELIABILITY MANAGER.
     - (3) UNITS USED IN TABLE III, SUBGROUPS 1 AND 5 MAY BE ELECTRICAL REJECTS FROM THE SAME LOT.
     - (4) ACCEPTABLE UNITS USED IN TESTING SUBGROUP 2 OF TABLE II SHALL BE USED IN SUBGROUPS 2,3 AND 4 OF TABLE III. IN TABLE III ACCEPTABLE UNITS FROM SUBGROUP 2 AREUSED IN SUBGROUP 4.
     - (5) AFTER COMPLETION OF TESTS,UNITS USED IN SUBGROUP 3 OF TABLE III SHALL BE USED IN SUBGROUP 6 OF TABLE III.

PROCURE ONLY FROM APPROVED SOURCES LISTED ON ND 1002034 FOR THIS DRAWING.





MASTER

Ⓗ REPLACES REV G WITH CHANGES

H	H	H	H
SHEET 1	SHEET 2	SHEET 3	SHEET 4
REVISION STATUS OF SHEETS			

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL: SEE NOTES
HEAT TREATMENT: NONE
FINAL FINISH: NONE

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS. DWG. NO. CONTRACT

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN R. Kapp DATE 12 Mar 63
CHECKED L. W. Hanley
APPROVAL L. W. Hanley
APPROVAL 2/13/63

MICRO-NOR GATE (TO 47 SIZE)

SPECIFICATION CONTROL DRAWING

NASA APPROVAL 13 March 1963
MIT APPROVAL 13 March 1963

CODE IDENT NO. | SIZE C | NASA DRAWING NO. 1006771

SCALE NONE | WT | SHEET 1 OF 4

INCHES 0 1 2
PHOTOGRAPHIC SCALE ONLY

H 1229001

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REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
H	REPLACES REV E WITH CHANGES PER TDRR 00562	3-13-63	WK

NOTES (CONTINUED):

3. D. TEST METHODS: (REF. MIL-STD-750 WITH EXCEPTIONS NOTED BELOW).

(1) LEAD FATIGUE: LEADS SHALL BE CAPABLE OF WITHSTANDING THE FOLLOWING LEAD BEND TEST. THE UNIT SHALL BE HELD IN A VERTICAL POSITION WITH A ONE POUND WEIGHT SUSPENDED FROM THE LEAD TO BE TESTED. TWO CYCLES OF BENDING SHALL BE PERFORMED, A CYCLE CONSISTING OF MOVING THE BODY OF THE UNIT, 90 DEGREES FROM THE VERTICAL IN ONE DIRECTION, AND BACK 90 DEGREES TO THE ORIGINAL POSITION. NO MECHANICAL DAMAGE SHALL BE EVIDENCED AFTER THE TEST.

(2) LEAD TENSION: EACH LEAD SHALL BE CAPABLE OF WITHSTANDING AN AXIAL PULL OF 4 POUNDS MINIMUM FOR 30 SECONDS. NO MECHANICAL DAMAGE SHALL BE EVIDENCED AFTER THE TEST.

(3) SEAL TEST: THE UNITS SHALL BE SUBJECTED TO A HELIUM OR RADIFLO LEAK DETECTION TEST WITH A SENSITIVITY OF AT LEAST 1×10^{-7} CC/ATM/SEC. A LEAKAGE RATE OF 1×10^{-6} CC/ATM/SEC OR GREATER SHALL CONSTITUE A FAILURE.

(4) AVERAGE PROPAGATION DELAY (T_P): MEASUREMENTS SHALL BE PERFORMED ON ANY ONE INPUT USING TEST CIRCUIT SPECIFIED IN FIGURE 1 MADE UP OF ACCEPTABLE UNITS WHERE $T_P = (T_1 + T_2)/2$. VOLTAGE PIN 8 TO PIN 4,3 V ± 10%.

(5) POWER BURN-IN: AN ODD NUMBER OF UNITS (GATES) SHALL BE CONNECTED IN SERIES WITH THE OUTPUT OF THE LAST UNIT SUPPLYING THE INPUT TO THE FIRST UNIT, THUS FORMING A "RING" AS SHOWN IN FIGURE 2. WHEN 8 V ± 5% DC IS APPLIED TO THE POWER TERMINALS OF ALL UNITS IN THE CIRCUIT ("RING"), OSCILLATION SHALL OCCUR AT THE INITIATION OF THE TEST.

(6) VISUAL AND MECHANICAL EXAMINATION: MARKING SHALL BE LEGIBLE, THE CASE FINISH SHALL HAVE NO PITS, FLAKING OR CHIPPING, LEADS SHALL BE FREE FROM KINKS AND NICKS AND COMPLY WITH THE SPECIFIED LEAD MATERIAL REQUIREMENT. GLASS IN HEADER SHALL HAVE NO CRACKS, CHIPS OR BUBBLES.

(7) THE UNITS WILL BE OPENED AND EXAMINED UNDER 80X MAGNIFICATION FOR DEFECTS IN THE METALIZED INTERCONNECTION PATTERNS WHICH ARE OR COULD BE DUE TO MECHANICAL ABRASION OR CHEMICAL REACTION WITH CONTAMINATE SUBSTANCES. DEFECTS IN THE METALIZATION WILL BE CAUSE FOR REJECTION.

E. THE SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS SPECIFIED IN ND 1015404, CLASS 1.

4. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.

TABLE I

PRE-ELECTRICAL TEST PROCESSING			
TEST	TEST CONDITIONS	LOT 1 TO 500	LOT OVER 500
THERMAL SHOCK	METHOD 1056, CONDITION B (+150°C TO -65°C, 3 CYCLES)	100%	NO REQUIREMENT
HIGH TEMPERATURE BAKE	TEMPERATURE = 150° ± 5°C, 72 $^{+8}_{-4}$ HOURS.		
CONSTANT ACCELERATION	METHOD 2006 (20,000 G) Y_1 DIRECTION ONLY.		
POWER, BURN-IN	METHOD 1026 SEE NOTE 3 D (5) AND FIGURE 2 T_A = +22°C MIN; IN FREE AMBIENT AIR t = 168 $^{+12}_{-6}$ HOURS		
SEAL TEST	SEE NOTE 3 D (3)	100%	NO REQUIREMENT

MASTER

(H) REPLACES REV E WITH CHANGES

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL
HEAT TREATMENT
FINAL FINISH

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG. NO. CONTRACT

DRAWN R. Kaas DATE 12 March 63
CHECKED R. M. Hawley
APPROVAL R. M. Hawley
APPROVAL [illegible] 3/13/63
NASA APPROVAL [illegible] 13 March 1963
MIT APPROVAL W Kaffer 13 Mar 63

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

MICRO-NOR GATE (TO 47 SIZE)

SPECIFICATION CONTROL DRAWING

CODE IDENT NO. | SIZE C | NASA DRAWING NO. 1006771

SCALE NONE | WT | SHEET 2 OF 4

INCHES 0 1 2
PHOTOGRAPHIC SCALE ONLY

1006771

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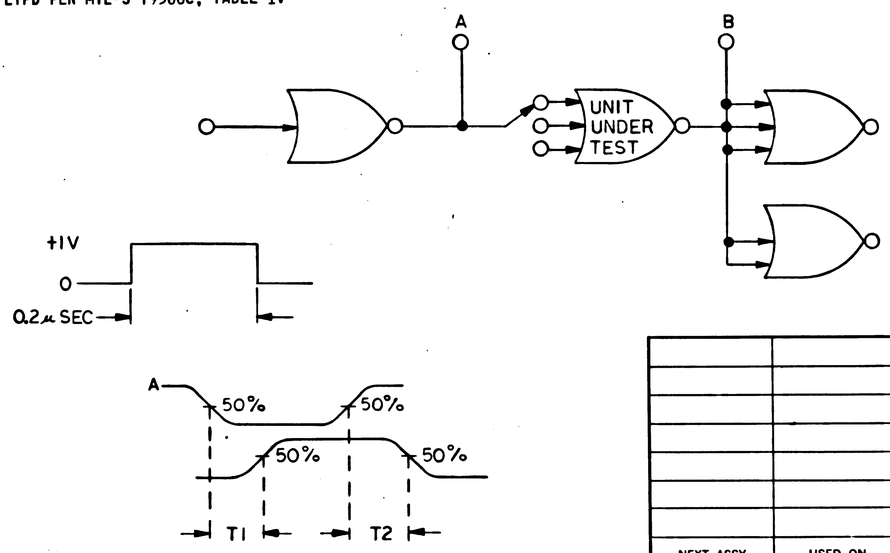
REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
H	THIS SHEET ADDED REV H PER TDRR 00562	3-13-63	

TABLE II

ACCEPTANCE INSPECTION												
TEST	SYMBOL	TEST CONDITIONS						LIMITS MIN	LIMITS MAX	UNITS	LOT 1 TO 500	LOT OVER 500
SUBGROUP 1												
VISUAL AND MECHANICAL EXAMINATION	-	METHOD 2071 SEE NOTE 3 D (5)						-	-		*LTPD = 10 MAX ACC NO.=3	*LTPD = 10 MAX ACC NO.=3
SUBGROUP 2		PIN 1	PIN 3	PIN 4	PIN 5	PIN 7	PIN 8					
BASE CURRENT, I_1	I_{B1}	+785±2mV	+1500±10mV	0V	+1500±10mV	-	+3±.03V	-	370	uA	100%	*LTPD = 2 MAX ACC NO.=3 (COMBINED)
BASE CURRENT, I_3	I_{B3}	+1500±10mV	+785±2mV	0V	+1500±10mV	-	+3±.03V	-	370	uA		
BASE CURRENT, I_5	I_{B5}	+1500±10mV	+1500±10mV	0V	+785±2mV	-	+3±.03V	-	370	uA		
OUTPUT VOLTAGE, PIN 7	V_O	+785±2mV	OPEN	0V	OPEN	-	+3±.03V	-	350	mV		
OUTPUT VOLTAGE, PIN 7	V_O	OPEN	+785±2mV	0V	OPEN	-	+3±.03V	-	350	mV		
OUTPUT VOLTAGE, PIN 7	V_O	OPEN	OPEN	0V	+785±2mv	-	+3±.03V	-	350	mV		
SATURATION VOLTAGE PIN 7	V_S	+1.50±.01V	OPEN	0V	OPEN	-	+3±.03V	-	300	mV		
SATURATION VOLTAGE PIN 7	V_S	OPEN	+1.50±.01V	0V	OPEN	-	+3±.03V	-	300	mV		
SATURATION VOLTAGE PIN 7	V_S	OPEN	OPEN	0V	+1.50±.01V	-	+3±.03V	-	300	mV		
OUTPUT CURRENT, PIN 7	I_O	+540±10mV	+540±10mV	0V	+540±10mV	+785±2mV	+3±.03V	2.90	-	mA		
COLLECTOR-EMITTER THRESHOLD CURRENT	I_{CEX}	+540±10mV	+540±10mV	0V	+540±10mV	+1.00±.01V	OPEN	-	200	uA		
COLLECTOR CUTOFF CURRENT	I_{CEO}	OPEN	OPEN	0V	OPEN	+5±.1V	OPEN	-	100	uA		
EMITTER CUTOFF CURRENT	I_{EBO}	0V	0V	5±.1V	0V	OPEN	OPEN	-	1	mA	100%	*LTPD = 2 MAX ACC NO.=3 (COMBINED)
COLLECTOR CUTOFF CURRENT	I_{CBO}	0V	0V	OPEN	0V	+8±.1V	OPEN	-	1	mA		
AVERAGE PROPAGATION DELAY	T_p	SEE NOTE 3 D (4) AND FIGURE 1						-	35	nsec	*LTPD = 10 MAX ACC NO.=3	
COLLECTOR RESISTANCE	R_L	BETWEEN PINS 7 AND 8 MEASUREMENT CURRENT = 5mA						530	-	OHMS	*LTPD = 10 MAX ACC NO.=3	

* LTPD PER MIL-S-19500C, TABLE IV

FIGURE 1
AVERAGE PROPAGATION DELAY



REV H THIS SHEET ADDED

MASTER

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL
HEAT TREATMENT
FINAL FINISH
NEXT ASSY | USED ON
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MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG. NO. | CONTRACT
DRAWN R. Kaae DATE 12 March 63
CHECKED L. D. Hanley
APPROVAL L. D. Hanley
APPROVAL Ben Duncan 3/13/63
NASA APPROVAL W. J. Duncan 13 March 1963
MIT APPROVAL W. Kuffel 13 Mar 63

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MICRO-NOR GATE (TO 47 SIZE)

SPECIFICATION CONTROL DRAWING

CODE IDENT NO. | SIZE C | NASA DRAWING NO. 1006771
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REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
H	THIS SHEET ADDED REV H PER TDRR 00562	3-13-63	WHL

TABLE III

QUALITY DEMONSTRATION TESTS			
TEST	TEST CONDITION	LOT 1 TO 500	LOT OVER 500
SUBGROUP 1 PHYSICAL DIMENSION	SEE NOTE 3 C (3) METHOD 2066	NO REQUIREMENTS	LTPD* = 20 MAX ACC NO. = 1
SUBGROUP 2 ** THERMAL SHOCK SEAL TEST	SEE NOTE 3 C (4) METHOD 1056, CONDITION B (150° TO -65°C, 5 CYCLES) SEE NOTE 3 D (3)		LTPD* = 10 (COMBINED) MAX ACC NO.= 3
SUBGROUP 3 ** STORAGE LIFE SHOCK VIBRATION VARIABLE FREQUENCY CONSTANT ACCELERATION	SEE NOTE 3 C (4) METHOD 1031 Tstg = 150° ± 5°C, 1000 HOURS METHOD 2016, 1500 G, 0.5 MSEC 5 BLOWS EACH IN X1, Y1, Y2, Z1 DIRECTIONS 20 BLOWS TORAL METHOD 2056, 30 G FROM 5 TO 2000 CPS LIMITED TO 0.12 DOUBLE AMPLITUDE, 3 CYCLES, 15 MINUTES PER CYCLE MINIMUM. METHOD 2006, (20,000 G) Y1 AXIS ONLY		LTPD* = 10 (COMBINED) MAX ACC NO. = 3
SUBGROUP 4 OPERATION LIFE	SEE NOTE 3 C (4) METHOD 1026 SEE NOTE 3 D (5) AND FIGURE 2 T_A = +22°C MIN IN FREE AMBIENT AIR t = 1000 HOURS		λ^* = 10 MAX ACC NO. = 3
SUBGROUP 5 ** LEAD TENSION LEAD FATIGUE	SEE NOTE 3 C (3) SEE NOTE 3 D (2) SEE NOTE 3 D (1)		LTPD*= 20 (COMBINED) MAX ACC NO. = 1
SUBGROUP 6 ** VISUAL INTERNAL INSPECTION	SEE NOTE 2 C (5) AND NOTE 3 D (7)	NO REQUIREMENTS	LTPD* = 7 MAX ACC NO. = 1

* LTPD AND λ PER MIL-S-19500C, TABLE IV

** TEST TO BE PERFORMED IN SEQUENCE INDICATED

TABLE III (CONTINUED)

TEST	SYMBOL	TEST CONDITIONS	LIMIT MIN	LIMIT MAX	UNITS
END POINTS FOR SUBGROUPS 2,3 AND 4					
OUTPUT VOLTAGE, PIN 7	V_O	SAME AS	-	350	mV
OUTPUT VOLTAGE, PIN 7	V_O	SPECIFIED	-	350	mV
OUTPUT VOLTAGE, PIN 7	V_O	IN TABLE II	-	350	mV
OUTPUT CURRENT, PIN 7	I_O		2.90	-	mA
COLLECTOR EMITTER THRESHOLD CURRENT	I_{CEX}		-	200	uA
BASE CURRENT, I_1	I_{B1}		-	370	uA
BASE CURRENT, I_3	I_{B3}		-	370	uA
BASE CURRENT, I_5	I_{B5}		-	370	uA

REV H THIS SHEET ADDED

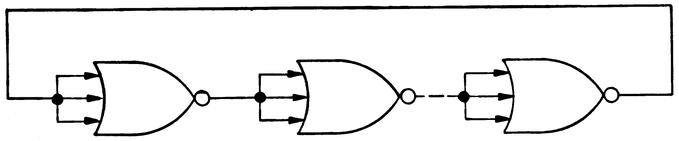


FIGURE 2

TEST CIRCUIT — POWER BURN-IN

MASTER

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL
HEAT TREATMENT
FINAL FINISH

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG. NO. CONTRACT

DRAWN R. Kaye DATE 12 March 63
CHECKED L. D. Hanley
APPROVAL L. D. Hanley
APPROVAL [illegible] 3/13/63
NASA APPROVAL W. S. Augerson 13 March 1963
MIT APPROVAL W. Copp for 13 Mar 63

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

MICRO-NOR GATE (TO 47 SIZE)

SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
	C	1006771

SCALE NONE | WT | SHEET 4 OF 4

INCHES
0 1 2
PHOTOGRAPHIC SCALE ONLY

1229001

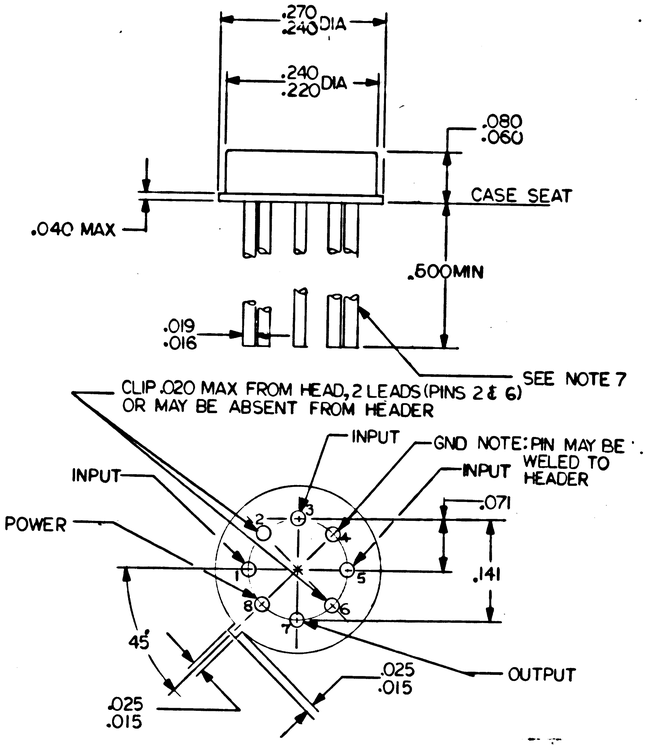
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C 1006771

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
	TAKEN FROM DRAWING C-P87948	7-19-62	
A	REVISED PER TDRR 00064	10-5-62	
B	REVISED PER TDRR 00081	10-23-62	
C	REVISED & REDRAWN PER TDRR 00190	12-20-62	JK

GENERAL REQUIREMENTS:

1. UNITS SHALL MEET THE GENERAL REQUIREMENTS OF MIL-S-19500 FOR MATERIALS, QUALITY & WORKMANSHIP.
2. THE SPECIFIED LEAD DIAMETER APPLIES TO THE ZONE BETWEEN .050 AND .250 FROM THE CASE SEAT. BETWEEN .250 AND THE END OF LEAD A MAXIMUM OF .021 IS HELD. OUTSIDE OF THESE ZONES THE LEAD DIAMETER IS NOT CONTROLLED.
3. MAXIMUM DIAMETER LEADS AT A GAGING PLANE .054± $^{.001}_{.000}$ BELOW CASE SEAT TO BE WITHIN .007 OF THEIR TRUE LOCATION RELATIVE TO MAX. WIDTH TAB AND TO THE MAXIMUM .270 DIAMETER MEASURED WITH A SUITABLE GAGE. WHEN GAGE IS NOT USED, MEASUREMENT WILL BE MADE AT SEATING PLANE.
4. INDEX TAB FOR VISUAL ORIENTATION ONLY.
5. MEASURED FROM MAX. DIAMETER OF THE ACTUAL DEVICE.
6. LEAD MATERIAL: GOLD PLATED IRON-NICKEL-COBOTT-ALLOY IN ACCORDANCE WITH ND1015402.
7. PIN 4 ELECTRICALLY CONNECTED TO CASE.
8. D C RESISTANCE BETWEEN PIN 7 & 8 SHALL BE 510 OHMS MIN.
9. AVERAGE PROPAGATION DELAY SHALL BE 50 NANOSECONDS AND SHALL BE MEASURED AS ILLUSTRATED ON SHEET2.
10. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.
11. UNIT SHALL BE ELECTRICALLY TESTED IN ACCORDANCE WITH TABLE I.



BOTTOM VIEW

FOR INFORMATION ONLY

CLASS B RELEASE TDR No. 00027 DATE 9/3/62

REV C	REV C
REV B	—
REV A	—
SHEET 1	SHEET 2
REVISION STATUS OF SHEETS	

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± — DECIMALS ± — ANGLES ± —
DO NOT SCALE THIS DRAWING
MATERIAL —
HEAT TREATMENT —
FINAL FINISH —

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG. NO. — CONTRACT —
DRAWN [illegible] DATE 12-19-62
CHECKED [illegible] 20 Dec 62
APPROVAL [illegible] 20 Dec 62
APPROVAL E.C. Hall 20 Dec 62
NASA APPROVAL W.J. Rhine 12-20-62
MIT APPROVAL W.A. Hoffman 20 Dec 62

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

MICRO NOR GATE (TO 47 SIZE)

SPECIFICATION CONTROL DWG.

CODE IDENT NO.	SIZE	NASA DRAWING NO.
	C	1006771

SCALE — WT — SHEET 1 OF 2

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

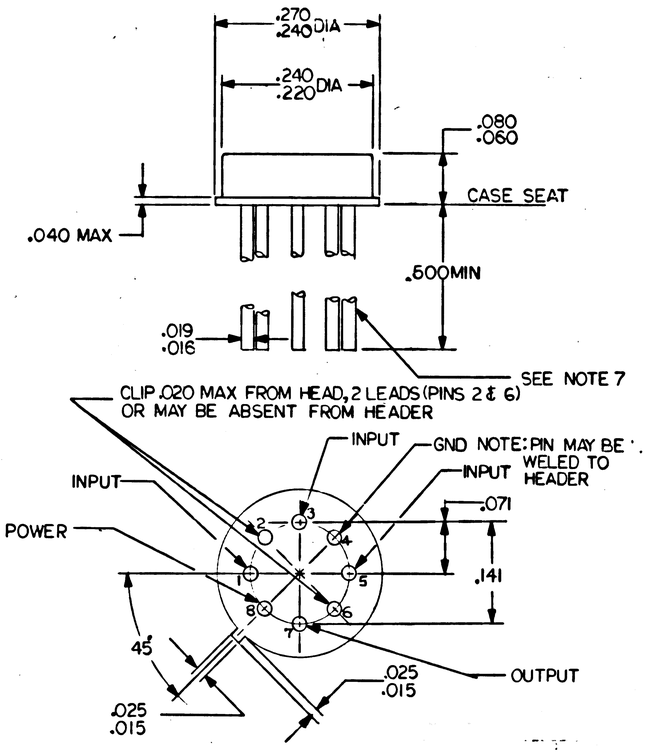
D 1006771

REVISIONS				
SYM	DESCRIPTION	DATE	APPROVAL	
	TAKEN FROM DRAWING C-P8794-B	7-19-62		
A	REVISED PER TDRR 00064	10-5-62		
B	REVISED PER TDRR 00081	10-23-62		
(M) C	REVISED & REDRAWN PER TDRR 00090	12-20-62	WK	
D	ADDED PROCUREMENT NOTE 12 PER TDRR 00095	2-20-63	PCN WK	

GENERAL REQUIREMENTS:

1. UNITS SHALL MEET THE GENERAL REQUIREMENTS OF MIL-S-19500 FOR MATERIALS, QUALITY & WORKMANSHIP.
2. THE SPECIFIED LEAD DIAMETER APPLIES TO THE ZONE BETWEEN .050 AND .250 FROM THE CASE SEAT. BETWEEN .250 AND THE END OF LEAD A MAXIMUM OF .021 IS HELD. OUTSIDE OF THESE ZONES THE LEAD DIAMETER IS NOT CONTROLLED.
3. MAXIMUM DIAMETER LEADS AT A GAGING PLANE .054 $^{+.001}_{-.000}$ BELOW CASE SEAT TO BE WITHIN .007 OF THEIR TRUE LOCATION RELATIVE TO MAX. WIDTH TAB AND TO THE MAXIMUM .270 DIAMETER MEASURED WITH A SUITABLE GAGE. WHEN GAGE IS NOT USED, MEASUREMENT WILL BE MADE AT SEATING PLANE.
4. INDEX TAB FOR VISUAL ORIENTATION ONLY.
5. MEASURED FROM MAX. DIAMETER OF THE ACTUAL DEVICE.
6. LEAD MATERIAL: GOLD PLATED IRON-NICKEL-COBOTT-ALLOY IN ACCORDANCE WITH ND1015402.
7. PIN 4 ELECTRICALLY CONNECTED TO CASE.
8. D C RESISTANCE BETWEEN PIN 7 & 8 SHALL BE 530 OHMS MIN.
9. AVERAGE PROPAGATION DELAY SHALL BE 35 NANOSECONDS MAX. AND SHALL BE MEASURED AS ILLUSTRATED ON SHEET 2.
10. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.
11. UNIT SHALL BE ELECTRICALLY TESTED IN ACCORDANCE WITH TABLE I.
12. A WAIVE AS REQUIRED ALL INFORMATION PRESENTED ON THIS DRAWING EXCEPT LEAD MATERIAL SPEC. & PHYSICAL DIMENSIONS.
    B UPON SPECIFIC INSTRUCTION BY (TD) TECHNICAL DIRECTIVE PROCURE THIS PART AS CHANGE LETTER D BY ODERING TO VENDOR CATALOG NO. & SPECIFICATIONS. REFERENCE ND 1002034.
    C DISREGARD THIS NOTE IN ITS ENTIRETY IF REFERENCE IS MADE TO THIS DRAWING BY OTHER THAN REVISION LETTER D.

PROCURE ONLY FROM APPROVED SOURCES LISTED ON ND 1002034 FOR THIS DRAWING.



FOR INFORMATION ONLY

CLASS B RELEASE TDR No. 00027 DATE 2/3/63

REV D	REV D
REV C	REV C
REV B	—
REV A	—
SHEET 1	SHEET 2
REVISION STATUS OF SHEETS	

MASTER

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS			

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± — DECIMALS ± — ANGLES ± —
DO NOT SCALE THIS DRAWING
MATERIAL —
HEAT TREATMENT —
FINAL FINISH —

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG. NO. CONTRACT
DRAWN [illegible] DATE 12-19-62
CHECKED [illegible] 20 Dec 62
APPROVAL [illegible] 20 Dec 62
APPROVAL [illegible] 20 Dec 62
NASA APPROVAL [illegible] 12-20-62
MIT APPROVAL [illegible] 20 Dec 62

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

MICRO NOR GATE (TO 47 SIZE)

SPECIFICATION CONTROL DWG.

CODE IDENT NO. | SIZE C | NASA DRAWING NO. 1006771
SCALE — | WT — | SHEET 1 OF 2

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

E | 1006771

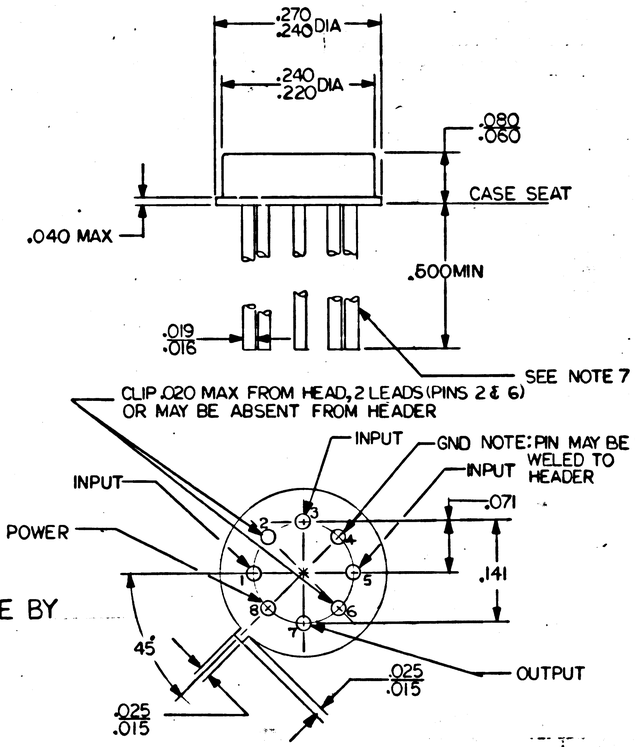
SYM	DESCRIPTION	DATE	APPROVAL
	TAKEN FROM DRAWING C-P8794B	7-19-62	
A	REVISED PER TDRR 00064	10-5-62	
B	REVISED PER TDRR 00081	10-23-62	
C (M)	REVISED & REDRAWN PER TDRR 00490	12-20-62	WK
D (A)	ADDED PROCUREMENT NOTE 12 PER TDRR 00495	12-28-62	WK
E	REPLACED WITH CHANGE BY REV F PER TDRR 00513		WK

GENERAL REQUIREMENTS:

1. UNITS SHALL MEET THE GENERAL REQUIREMENTS OF MIL-S-19500 FOR MATERIALS, QUALITY & WORKMANSHIP.
2. THE SPECIFIED LEAD DIAMETER APPLIES TO THE ZONE BETWEEN .050 AND .250 FROM THE CASE SEAT. BETWEEN .250 AND THE END OF LEAD A MAXIMUM OF .021 IS HELD. OUTSIDE OF THESE ZONES THE LEAD DIAMETER IS NOT CONTROLLED.
3. MAXIMUM DIAMETER LEADS AT A GAGING PLANE .054 $^{+.001}_{-.000}$ BELOW CASE SEAT TO BE WITHIN .007 OF THEIR TRUE LOCATION RELATIVE TO MAX. WIDTH TAB AND TO THE MAXIMUM .270 DIAMETER MEASURED WITH A SUITABLE GAGE. WHEN GAGE IS NOT USED, MEASUREMENT WILL BE MADE AT SEATING PLANE.
4. INDEX TAB FOR VISUAL ORIENTATION ONLY.
5. MEASURED FROM MAX. DIAMETER OF THE ACTUAL DEVICE.
6. LEAD MATERIAL: GOLD PLATED IRON-NICKEL-COBOTT-ALLOY IN ACCORDANCE WITH ND1015402.
7. PIN 4 ELECTRICALLY CONNECTED TO CASE.
8. D C RESISTANCE BETWEEN PIN 7 & 8 SHALL BE 530 OHMS MIN.
9. AVERAGE PROPAGATION DELAY SHALL BE 35 NANOSECONDS MAX. AND SHALL BE MEASURED AS ILLUSTRATED ON SHEET 2.
10. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.
11. UNIT SHALL BE ELECTRICALLY TESTED IN ACCORDANCE WITH TABLE I.
12. A WAIVE AS REQUIRED ALL INFORMATION PRESENTED ON THIS DRAWING EXCEPT LEAD MATERIAL SPEC. & PHYSICAL DIMENSIONS.
    B UPON SPECIFIC INSTRUCTION BY (TD) TECHNICAL DIRECTIVE PROCURE THIS PART AS CHANGE LETTER D BY ODERING TO VENDOR CATALOG NO. & SPECIFICATIONS. REFERENCE ND 1002034.
    C DISREGARD THIS NOTE IN ITS ENTIRETY IF REFERENCE IS MADE TO THIS DRAWING BY OTHER THAN REVISION LETTER D.

PROCURE ONLY FROM APPROVED SOURCES LISTED ON ND 1002034 FOR THIS DRAWING.

(E) REPLACED WITH CHANGE BY REV F



BOTTOM VIEW

FOR INFORMATION ONLY

CLASS B RELEASE TDR No. 00027 DATE 9/13/62

REVE	REVD
REV D	REV D
REV C	REV C
REV B	—
REV A	—
SHEET 1	SHEET 2
REVISION STATUS OF SHEETS	

MASTER

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS			

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± — DECIMALS ± — ANGLES ± —
DO NOT SCALE THIS DRAWING
MATERIAL —
HEAT TREATMENT —
FINAL FINISH —

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG. NO. — CONTRACT —
DRAWN [illegible] DATE 12-19-62
CHECKED [illegible] 20 Dec 62
APPROVAL [illegible] 20 Dec 62
APPROVAL [illegible] 20 Dec 62
NASA APPROVAL [illegible] 12-20-62
MIT APPROVAL [illegible] 20 Dec 62

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

MICRO NOR GATE (TO 47 SIZE)

SPECIFICATION CONTROL DWG.

CODE IDENT NO. | SIZE C | NASA DRAWING NO. 1006771
SCALE — | WT — | SHEET 1 OF 2

1006771 E

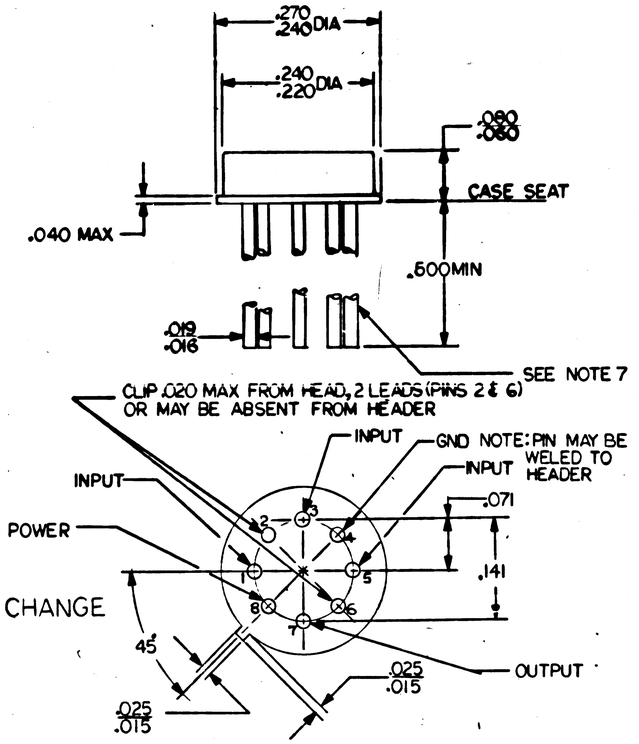
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F	1227001

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
F	REPLACES REV E WITH CHANGE PER TDRR 00513		WR

GENERAL REQUIREMENTS:

1. UNITS SHALL MEET THE GENERAL REQUIREMENTS OF MIL-S-19500 FOR MATERIALS, QUALITY & WORKMANSHIP.
2. THE SPECIFIED LEAD DIAMETER APPLIES TO THE ZONE BETWEEN .050 AND .250 FROM THE CASE SEAT. BETWEEN .250 AND THE END OF LEAD A MAXIMUM OF .021 IS HELD. OUTSIDE OF THESE ZONES THE LEAD DIAMETER IS NOT CONTROLLED.
3. MAXIMUM DIAMETER LEADS AT A GAGING PLANE .054± $^{.001}_{.000}$ BELOW CASE SEAT TO BE WITHIN .007 OF THEIR TRUE LOCATION RELATIVE TO MAX. WIDTH TAB AND TO THE MAXIMUM .270 DIAMETER MEASURED WITH A SUITABLE GAGE. WHEN GAGE IS NOT USED, MEASUREMENT WILL BE MADE AT SEATING PLANE.
4. INDEX TAB FOR VISUAL ORIENTATION ONLY.
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6. LEAD MATERIAL: GOLD PLATED IRON-NICKEL-COBOTT-ALLOY IN ACCORDANCE WITH ND1015402.
7. PIN 4 ELECTRICALLY CONNECTED TO CASE.
8. D C RESISTANCE BETWEEN PIN 7 & 8 SHALL BE 530 OHMS MIN.
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10. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.
11. UNIT SHALL BE ELECTRICALLY TESTED IN ACCORDANCE WITH TABLE I.



BOTTOM VIEW

Ⓕ REPLACES REV E WITH CHANGE

PROCURE ONLY FROM APPROVED SOURCES LISTED ON ND 1002034 FOR THIS DRAWING.

REV F	REV D
REV D	REV D
REV C	REV C
REV B	—
REV A	—
SHEET 1	SHEET 2
REVISION STATUS OF SHEETS	

MASTER

MASTER

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± — DECIMALS ± — ANGLES ± —
DO NOT SCALE THIS DRAWING
MATERIAL —
HEAT TREATMENT —
FINAL FINISH —

FOR INFORMATION ONLY

CLASS B RELEASE TDR No. 00027 DATE 9/13/62

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS. — DWG. NO. — CONTRACT

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN [illegible] DATE 12-19-62
CHECKED [illegible] DATE 20 Dec 62
APPROVAL [illegible] DATE 20 Dec 62
APPROVAL E.C. Hall DATE 20 Dec 62
NASA APPROVAL W.J. Kupiec 12-20-62
MIT APPROVAL W.J. Kupiec Jr. 20 Dec 62

MICRO NOR GATE (TO 47 SIZE)

SPECIFICATION CONTROL DWG.

CODE IDENT NO.	SIZE	NASA DRAWING NO.
	C	1006771

SCALE — WT — SHEET 1 of 2

1227001 F

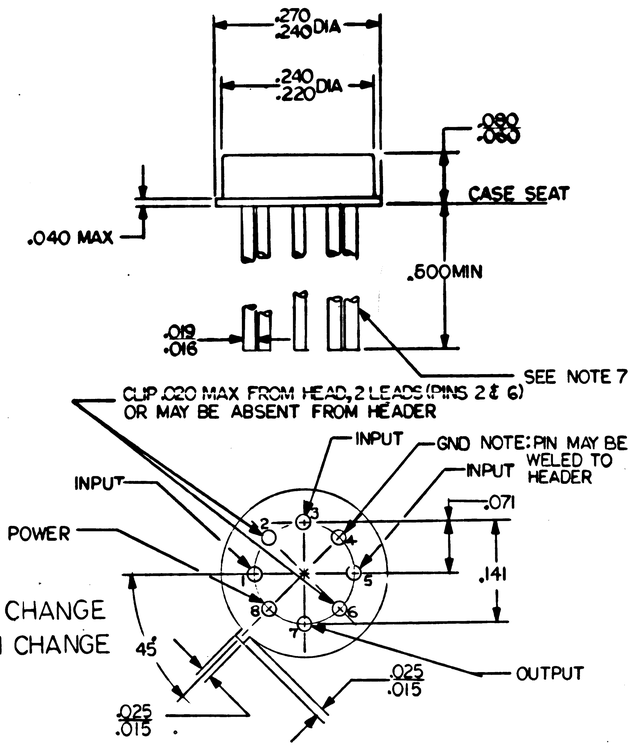
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1006771 F

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
F	REPLACES REV E WITH CHANGE PER TDRR 00513	- -	WK
G	REPLACED BY REV H WITH CHANGES PER TDRR 00562	3-13-63	WK

GENERAL REQUIREMENTS:

1. UNITS SHALL MEET THE GENERAL REQUIREMENTS OF MIL-S-19500 FOR MATERIALS, QUALITY & WORKMANSHIP.
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11. UNIT SHALL BE ELECTRICALLY TESTED IN ACCORDANCE WITH TABLE I.



BOTTOM VIEW

Ⓕ REPLACES REV E WITH CHANGE
Ⓖ REPLACED BY REV H WITH CHANGE

PROCURE ONLY FROM APPROVED SOURCES LISTED ON ND 1002034 FOR THIS DRAWING.

REV F	REV D
REV D	REV D
REV C	REV C
REV B	——
REV A	——
SHEET 1	SHEET 2
REVISION STATUS OF SHEETS	

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± — DECIMALS ± — ANGLES ± —
DO NOT SCALE THIS DRAWING
MATERIAL —
HEAT TREATMENT —
FINAL FINISH —

MASTER

FOR INFORMATION ONLY

CLASS B RELEASE TDR No. 00027 DATE 9/13/62

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS			

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG. NO. — CONTRACT

DRAWN [illegible] DATE 12-19-62
CHECKED [illegible] 20 Dec 62
APPROVAL [illegible]
APPROVAL E.C. Hall 20 Dec 62
NASA APPROVAL W.J. Rae 12-20-62
MIT APPROVAL W.A. Kupiec 20 Dec 62

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

MICRO NOR GATE
(TO 47 SIZE)
SPECIFICATION CONTROL DWG.

CODE IDENT NO.	SIZE	NASA DRAWING NO.
	C	1006771
SCALE —	WT —	SHEET 1 of 2

INCHES
0 1 2
PHOTOGRAPHIC SCALE ONLY

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1279001

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
C	REVISED & REDRAWN PER TDRR SHEET 2 ADDED 00190	10 DEC 62	WK

TABLE I
DESIGN PARAMETERS 25±3°C AMBIENT (UNLESS OTHERWISE SPECIFIED)

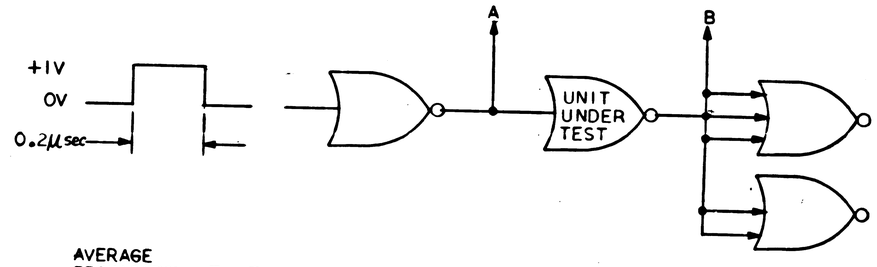
PARAMETER	CONDITIONS AT PINS 1	3	4	5	7	8	MIN	MAX
BASE CURRENT I_1	785±2MV	785±10MV	GND	785±10MV		+3.0V		.680 ma
BASE CURRENT I_2	785±10MV	785±2MV		785±10MV				.680 ma
BASE CURRENT I_3	785±10MV	785±10MV		785±2MV				.680 ma
OUTPUT VOLTAGE PIN 7	785±2MV	OPEN		OPEN	Vo			.400V
OUTPUT VOLTAGE PIN 7	OPEN	785±2MV		OPEN	Vo			.400V
OUTPUT VOLTAGE PIN 7	OPEN	OPEN		785±2MV	Vo			.400V
OUTPUT CURRENT AT PIN 7	540±2MV	540±2MV		540±2MV	785MV		3.40 ma	
SATURATION VOLTAGE	1.20V±10MV	OPEN		OPEN	Vs			.35V
SATURATION VOLTAGE	OPEN	1.20V±10MV		OPEN	Vs			.35V
SATURATION VOLTAGE	OPEN	OPEN		1.20V±10MV	Vs	+3.0V		.35V
LEAKAGE CURRENT ICEO	OPEN	OPEN	GND	OPEN	5.0V	OPEN		100 MICRO AMPS
EMITTER BASE REVERSE CURRENT IEBO	GND	GND	5.0V	GND	OPEN	OPEN		1 ma
COLLECTOR CUTOFF CURRENT ICBO	GND	GND	OPEN	GND	8.0V	OPEN		1 ma

TABLE II
MAXIMUM RATINGS AT 25°C

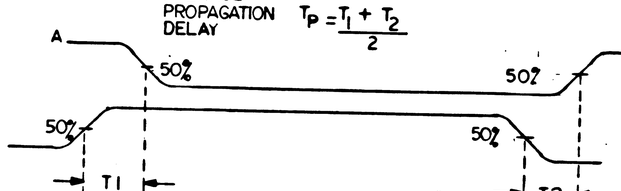
MAXIMUM VOLTAGE TO PIN 8	+8.0 VOLTS
MAXIMUM VOLTAGE APPLIED TO ANY INPUT PIN	±4.0 VOLTS
STORAGE TEMPERATURE	-65°C TO + 200°C
OPERATING TEMPERATURE	0 TO 70°C
FAN OUT OF 5 WITH FAN IN OF 3	0 TO 70°C
NOMINAL DISSIPATED POWER PER UNIT	15 MW

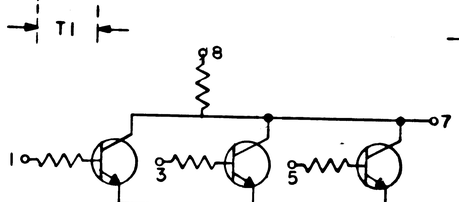
FOR INFORMATION ONLY

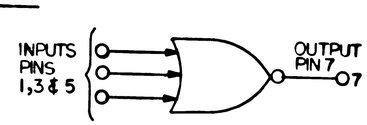
CLASS B RELEASE TDR No. 00027 DATE 9/12/62



AVERAGE PROPAGATION DELAY $T_P = \frac{T_1 + T_2}{2}$







LOGIC SYMBOL

THIS SHEET ADDED REV C

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL —
HEAT TREATMENT —
FINAL FINISH —

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG. NO. CONTRACT
DRAWN Lewis Cook DATE 12-19-62
CHECKED [illegible] 20 Dec 62
APPROVAL [illegible] 20 Dec 62
APPROVAL [illegible] 20 Dec 62
NASA APPROVAL W J Rhine 12-20-62
MIT APPROVAL [illegible] 20 Dec 1962

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

MICRO-NOR GATE (TO 47 SIZE)
SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
	C	1006771
SCALE NONE	WT —	SHEET 2 OF 2

1279001

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D 1006771 (M)

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
C	REVISED & REDRAWN PER TDRR SHEET 2 ADDED 00190	10 DEC 62	WK
D	REVISED PER TDRR 00445	2-20-63 ECA	WK.

TABLE I
DESIGN PARAMETERS 25±3° AMBIENT (UNLESS OTHERWISE SPECIFIED)

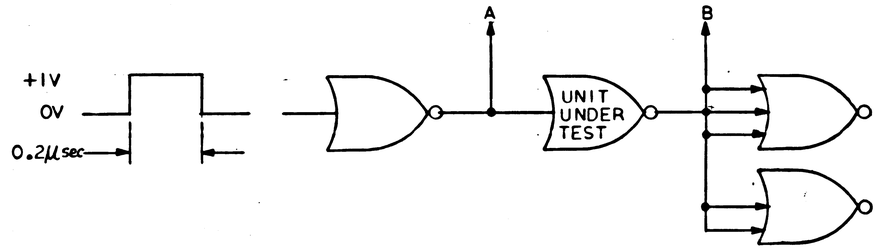
PARAMETER	CONDITIONS AT PINS 1	3	4	5	7	8	MIN	MAX
BASE CURRENT I_1	785±2MV	785±10MV	GND	785±10MV		+3.0V		.350 ma
BASE CURRENT I_2	785±10MV	785±2MV		785±10MV				.350 ma
BASE CURRENT I_3	785±10MV	785±10MV		785±2MV				.350 ma
OUTPUT VOLTAGE PIN 7	785±2MV	OPEN		OPEN	Vo			.350V
OUTPUT VOLTAGE PIN 7	OPEN	785±2MV		OPEN	Vo			.350V
OUTPUT VOLTAGE PIN 7	OPEN	OPEN		785±2MV	Vo			.350V
OUTPUT CURRENT AT PIN 7	540±2MV	540±2MV		540±2MV	785MV		3.00 ma	
SATURATION VOLTAGE	1.20V±10MV	OPEN		OPEN	Vs			.300V
SATURATION VOLTAGE	OPEN	1.20V±10MV		OPEN	Vs			.300V
SATURATION VOLTAGE	OPEN	OPEN		1.20V±10MV	Vs	+3.0V		.300V
LEAKAGE CURRENT ICEO	OPEN	OPEN	GND	OPEN	5.0V	OPEN		100 MICRO AMPS
EMITTER BASE REVERSE CURRENT IEBO	GND	GND	5.0V	GND	OPEN	OPEN		1 ma
COLLECTOR CUTOFF CURRENT ICBO	GND	GND	OPEN	GND	8.0V	OPEN		1 ma

TABLE II
MAXIMUM RATINGS AT 25°C

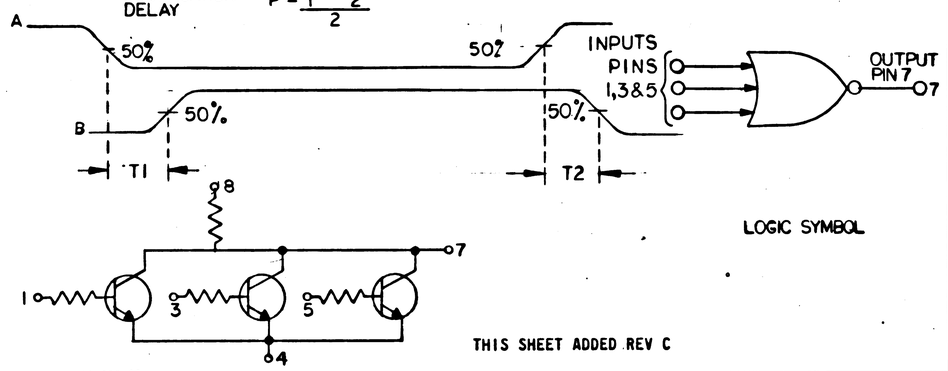
MAXIMUM VOLTAGE TO PIN 8	+8.0 VOLTS
MAXIMUM VOLTAGE APPLIED TO ANY INPUT PIN	±4.0 VOLTS
STORAGE TEMPERATURE	-65°C TO + 200°C
OPERATING TEMPERATURE	0 TO 70°C
FAN OUT OF 5 WITH FAN IN OF 3	0 TO 70°C
NOMINAL DISSIPATED POWER PER UNIT	15 MW

FOR INFORMATION ONLY

CLASS B RELEASE TDR No. 00027 DATE 9/13/62



AVERAGE PROPAGATION DELAY $T_P = \frac{T_1 + T_2}{2}$



LOGIC SYMBOL

THIS SHEET ADDED REV C

MASTER

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL
HEAT TREATMENT
FINAL FINISH

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG. NO. CONTRACT
DRAWN [illegible] DATE 12-19-62
CHECKED [illegible] 20 Dec 62
APPROVAL [illegible] 20 Dec 62
APPROVAL [illegible] 20 Dec 62
NASA APPROVAL [illegible] 12-20-62
MIT APPROVAL [illegible] 20 Dec 1962

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

MICRO-NOR GATE (TO 47 SIZE)

SPECIFICATION CONTROL DRAWING

CODE IDENT NO. | SIZE C | NASA DRAWING NO. 1006771
SCALE NONE | WT — | SHEET 2 OF 2

1006771

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

D 1279001 (M) (M)

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
C	REVISED & REDRAWN PER TDRR SHEET 2 ADDED 00190	10 DEC 62	WK
D	REVISED PER TDRR 00445	2-20-63	WK
E	REPLACED BY REV H WITH CHANGES PER TDRR 00562	3-13-63	WK

TABLE I

DESIGN PARAMETERS 25±1°C AMBIENT (UNLESS OTHERWISE SPECIFIED)

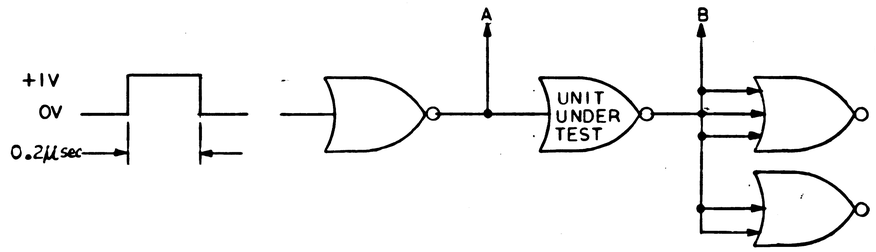
PARAMETER	CONDITIONS AT PINS 1	3	4	5	7	8	MIN	MAX
BASE CURRENT I_1	785±2MV	785±10MV	GND	785±10MV		+3.0V		.350 ma
BASE CURRENT I_2	785±10MV	785±2MV		785±10MV				.350 ma
BASE CURRENT I_3	785±10MV	785±10MV		785±2MV				.350 ma
OUTPUT VOLTAGE PIN 7	785±2MV	OPEN		OPEN	Vo			.350V
OUTPUT VOLTAGE PIN 7	OPEN	785±2MV		OPEN	Vo			.350V
OUTPUT VOLTAGE PIN 7	OPEN	OPEN		785±2MV	Vo			.350V
OUTPUT CURRENT AT PIN 7	540±2MV	540±2MV		540±2MV	785MV		3.00 ma	
SATURATION VOLTAGE	1.20V±10MV	OPEN		OPEN	Vs			.300V
SATURATION VOLTAGE	OPEN	1.20V±10MV		OPEN	Vs			.300V
SATURATION VOLTAGE	OPEN	OPEN		1.20V±10MV	Vs	+3.0V		.300V
LEAKAGE CURRENT ICEO	OPEN	OPEN	GND	OPEN	5.0V	OPEN		100 MICRO AMPS
EMITTER BASE REVERSE CURRENT IEBO	GND	GND	5.0V	GND	OPEN	OPEN		1 ma
COLLECTOR CUTOFF CURRENT ICBO	GND	GND	OPEN	GND	8.0V	OPEN		1 ma

TABLE II
MAXIMUM RATINGS AT 25°C

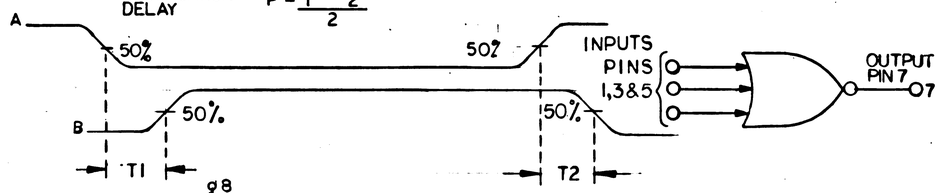
MAXIMUM VOLTAGE TO PIN 8	+8.0 VOLTS
MAXIMUM VOLTAGE APPLIED TO ANY INPUT PIN	±4.0 VOLTS
STORAGE TEMPERATURE	-65°C TO + 200°C
OPERATING TEMPERATURE	0 TO 70°C
FAN OUT OF 5 WITH FAN IN OF 3	0 TO 70°C
NOMINAL DISSIPATED POWER PER UNIT	15 MW

FOR INFORMATION ONLY

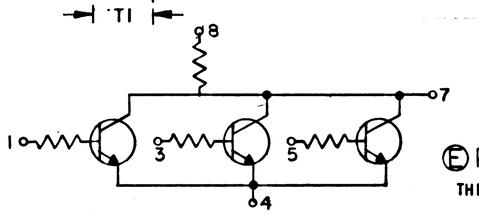
CLASS B RELEASE TDR No. 00027 DATE 9/13/62



AVERAGE PROPAGATION DELAY $T_P = \frac{T_1 + T_2}{2}$



LOGIC SYMBOL



E REPLACED BY REV H WITH CHANGE

THIS SHEET ADDED REV C

MASTER

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL
HEAT TREATMENT
FINAL FINISH

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG. NO. CONTRACT

DRAWN [illegible] DATE 12-1962
CHECKED [illegible] 20 Dec 62
APPROVAL [illegible] 19 Dec 62
APPROVAL [illegible] 20 Dec 62
NASA APPROVAL [illegible] 12-20-62
MIT APPROVAL [illegible] 20 Dec 1962

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

MICRO-NOR GATE (TO 47 SIZE)

SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
	C	1006771

SCALE NONE WT — SHEET 2 OF 2

INCHES
0 1 2
PHOTOGRAPHIC SCALE ONLY

D 1279001 E

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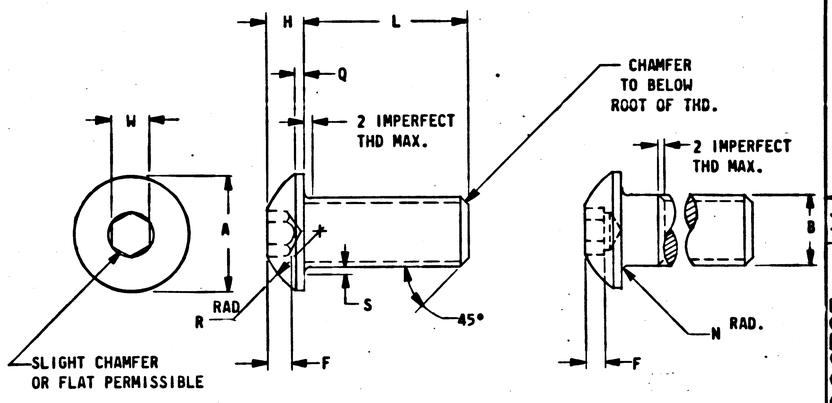
K 1006783

REVISIONS TDRR 00189 -12-2-67			
SYM	DESCRIPTION	DATE	APPROVAL
-	TAKEN FROM BUWEPS DWG 2318873		
A	REVISED PER TDRR 00807	10 Apr 63	WR.
B	REVISED PER TDRR 01273	5-15-63	WR.
C	REVISED PER TDRR 02899	8/24/63	WR
D	REVISED PER TDRR 03392	9/26/63	WR
E	REVISED PER TDRR 03706	10 Oct 63	WR
F	REVISED PER TDRR 06244	2-18-64	WR
G	REVISED PER TDRR 13983	11-12-64	WR
H	REVISED PER TDRR 18121	4/21/65	WR
J	REVISED PER TDRR 20107	6/28/65	WR.
K	REVISED PER TDRR 22435	24 Oct 67	WR.

NOTES:

1. CONSTRUCTION REQUIREMENTS:
   - A. MATERIAL: AUSTENITIC CORROSION RESISTING STEEL PER QQ-S-763.
   - B. FINISH: PASSIVATE PER MIL-F-14072, E300.
   - C. THREADS SHALL CONFORM TO NATIONAL BUREAU OF STANDARDS HANDBOOK H28, CLASS 3A FOR BOTH NC AND NF SERIES.
   - D. CONCENTRICITY: BROACH TO BE CONCENTRIC WITH THREAD PITCH DIA. WITHIN "X" DIMENSION PER CHART T.I.R., SCREW HEAD SHALL BE CONCENTRIC TO THE AXIS OF THE SHANK OF THE SCREW WITHIN 3% T.I.R. OF THE MAX. BODY DIAMETER, OR .008 WHICHEVER IS GREATER. BEARING SURFACE OF HEAD TO BE SQUARE WITH BODY WITHIN ± 2°.
   - E. LENGTH TOLERANCES: UP TO AND INCLUDING 1 INCH: ± 1/64; FROM 1 - INCH TO 2 INCH: +1/32 -1/64; OVER 2 INCHES: ± 1/32.
   - F. THREAD LENGTH: SCREW LENGTHS WILL BE THREADED TO HEAD.
   - G. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS AS SPECIFIED IN ND 1015404 CLASS 3.
   - H. UNLESS OTHERWISE SPECIFIED, SCREWS SHALL MEET THE REQUIREMENTS OF FF-S-86 TYPE VIII
2. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.
3. MARKING: PACKAGING OF PARTS SHALL BE MARKED IN ACCORDANCE WITH MIL-STD-129, BOTH INTERNALLY & EXTERNALLY WITH THE NASA DRAWING NUMBER, REVISION LETTER AND DASH NUMBER, AND NUMBER OF PIECES. THE SUPPLIERS NAME MAY APPEAR ON THE PACKAGE.

SCREW SIZE	A	B	F MIN	H	L MAX (STANDARD)	N	Q MAX	R REF	S	W NOM	X
0	.114-.104	.060-.0568	.020	.032-.026	.500	.010-.005	.015	.070	.010-.005	.035	.005
1	.139-.129	.073-.0695	.028	.039-.033	.500	.010-.005	.015	.080	.010-.005	.050	.005
2	.164-.154	.086-.0822	.028	.046-.038	.500	.010-.005	.015	.099	.010-.005	.050	.005
3	.188-.176	.099-.0949	.035	.052-.044	.500	.010-.005	.015	.110	.010-.005	.0625	.005
4	.213-.201	.112-.1075	.035	.059-.051	.500	.010-.005	.015	.135	.010-.005	.0625	.005
5	.238-.226	.125-.1202	.044	.066-.058	.500	.010-.005	.015	.141	.010-.005	.0781	.005
6	.262-.250	.138-.1329	.044	.073-.063	.625	.010-.005	.015	.158	.010-.005	.0781	.005
8	.312-.298	.164-.1585	.052	.087-.077	.750	.015-.010	.015	.185	.015-.010	.0937	.006
10	.361-.347	.190-.1840	.070	.101-.091	1.000	.015-.010	.020	.213	.015-.010	.1250	.007
1/4	.437-.419	.250-.2435	.087	.132-.122	1.000	.020-.015	.031	.249	.020-.015	.1562	.009
5/16	.547-.527	.313-.3053	.105	.166-.152	1.000	.020-.015	.031	.309	.020-.015	.1875	.011
3/8	.656-.636	.375-.3678	.122	.199-.185	1.250	.020-.015	.031	.368	.020-.015	.2187	.013
1/2	.875-.851	.500-.4919	.175	.265-.245	2.000	.030-.020	.046	.481	.030-.020	.3125	.018
5/8	1.000-.970	.625-.6163	.210	.331-.311	2.000	.030-.020	.062	.523	.030-.020	.3750	.021



PROCURE ONLY FROM APPROVED SOURCES LISTED ON ND 1002034 FOR THIS DRAWING.

MASTER

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.
		LIST OF MATERIALS.	

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL: SEE NOTES
HEAT TREATMENT: NONE
FINAL FINISH: SEE NOTES

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG. NO. CONTRACT
DRAWN Ray Wheeler DATE 17 Dec 62
CHECKED R. Maynard 19 DEC 62
APPROVAL
APPROVAL
NASA APPROVAL W J Rhine 12-20-62
MIT APPROVAL

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

SCREW, BUTTON HEAD, HEX SOCKET
SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
80230	C	1006783

SCALE NONE | WT | SHEET 1 OF 2

1006783 K

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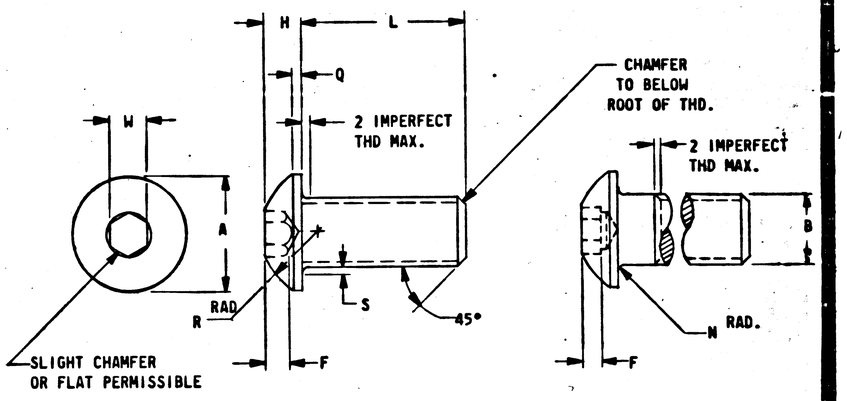
H 1006783

REVISIONS TDRR 00189-12-2062			
SYM	DESCRIPTION	DATE	APPROVAL
-	TAKEN FROM BUWEPS DWG 2318873		
A	REVISED PER TDRR 00807	10/9/62	WK.
B	REVISED PER TDRR 01273	5-15-63	WK.
C	REVISED PER TDRR 02899	8/2/63	WK
D	REVISED PER TDRR 03392	9/26/63	WK
E	REVISED PER TDRR 03706	10/8/63	WK
F	REVISED PER TDRR 06244	2-18-64	WK
G	REVISED PER TDRR 13983	11-12-64	WK
H	REVISED PER TDRR 18121	4/30/65	WK

NOTES:

1. CONSTRUCTION REQUIREMENTS:
   - A. MATERIAL: AUSTENITIC CORROSION RESISTING STEEL PER QQ-S-763.
   - B. FINISH: PASSIVATE PER MIL-F-14072, E300.
   - C. THREADS SHALL CONFORM TO NATIONAL BUREAU OF STANDARDS HANDBOOK H28, CLASS 3A FOR BOTH NC AND NF SERIES.
   - D. CONCENTRICITY: BROACH TO BE CONCENTRIC WITH THREAD PITCH DIA. WITHIN "X" DIMENSION PER CHART T.I.R., SCREW HEAD SHALL BE CONCENTRIC TO THE AXIS OF THE SHANK OF THE SCREW WITHIN 3% T.I.R. OF THE MAX. BODY DIAMETER, OR .008 WHICHEVER IS GREATER. BEARING SURFACE OF HEAD TO BE SQUARE WITH BODY WITHIN ± 2°.
   - E. LENGTH TOLERANCES: UP TO AND INCLUDING 1 INCH: ± 1/64; FROM 1-1/4 INCH TO 2 INCH: +1/32 -1/64; OVER 2 INCHES: ± 1/32.
   - F. THREAD LENGTH: SCREW LENGTHS WILL BE THREADED TO HEAD.
   - G. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS AS SPECIFIED IN NAS ND 1015404 CLASS 3.
   - H. UNLESS OTHERWISE SPECIFIED, SCREWS SHALL MEET THE REQUIREMENTS OF FF-S-86 TYPE VIII
2. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.
3. MARKING: PACKAGING OF PARTS SHALL BE MARKED IN ACCORDANCE WITH MIL-STD-129, BOTH INTERNALLY & EXTERNALLY WITH THE NASA DRAWING NUMBER, REVISION LETTER AND DASH NUMBER, AND NUMBER OF PIECES. THE SUPPLIERS NAME MAY APPEAR ON THE PACKAGE.

SCREW SIZE	A	B	F MIN	H	L MAX (STANDARD)	N	Q MAX	R REF	S	W REF	X
0	.114-.104	.060-.0568	.020	.032-.026	.500	.010-.005	.015	.070	.010-.005	.035	.005
1	.139-.129	.073-.0695	.028	.039-.033	.500	.010-.005	.015	.080	.010-.005	.050	.005
2	.164-.154	.086-.0822	.028	.046-.038	.500	.010-.005	.015	.099	.010-.005	.050	.005
3	.188-.176	.099-.0949	.035	.052-.044	.500	.010-.005	.015	.110	.010-.005	.0625	.005
4	.213-.201	.112-.1075	.035	.059-.051	.500	.010-.005	.015	.135	.010-.005	.0625	.005
5	.238-.226	.125-.1202	.044	.066-.058	.500	.010-.005	.015	.141	.010-.005	.0781	.005
6	.262-.250	.138-.1329	.044	.073-.063	.625	.010-.005	.015	.158	.010-.005	.0781	.005
8	.312-.298	.164-.1585	.052	.087-.077	.750	.015-.010	.015	.185	.015-.010	.0937	.006
10	.361-.347	.190-.1840	.070	.101-.091	1.000	.015-.010	.020	.213	.015-.010	.1250	.007
1/4	.437-.419	.250-.2435	.087	.132-.122	1.000	.020-.015	.031	.249	.020-.015	.1562	.009
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3/8	.656-.636	.375-.3678	.122	.199-.185	1.250	.020-.015	.031	.368	.020-.015	.2187	.013
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5/8	1.000-.970	.625-.6163	.210	.331-.311	2.000	.030-.020	.062	.523	.030-.020	.3750	.021



ORIGINAL SOURCE OF SUPPLY:

INDUSTRIAL FASTENER DIVISION
STANDARD PRESSED STEEL CO.
JENKINTOWN, PENNSYLVANIA
CODE IDENT NO. 56878

MASTER

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL: SEE NOTES
HEAT TREATMENT: NONE
FINAL FINISH: SEE NOTES

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS. DWG. NO. CONTRACT

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN Ralph Wheeler DATE 17 Sept 62
CHECKED W. Maynard 19 DEC 62
APPROVAL
APPROVAL

SCREW, BUTTON HEAD, HEX SOCKET
SPECIFICATION CONTROL DRAWING

NASA APPROVAL
MIT APPROVAL

CODE IDENT NO. 80230 | SIZE C | NASA DRAWING NO. 1006783
SCALE NONE | WT | SHEET 1 OF 2

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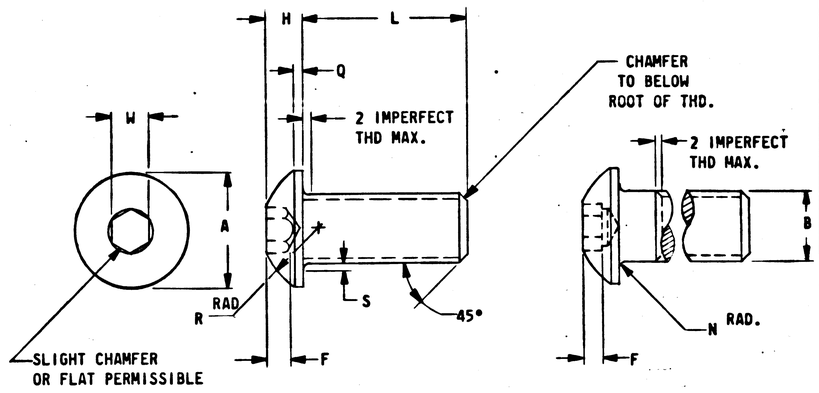
1006783

REVISIONS TDRR 00189 -12-2062			
SYM	DESCRIPTION	DATE	APPROVAL
-	TAKEN FROM BUWEPS DWG 2318873		
A	REVISED PER TDRR 00807	10 Apr 63	WH.
B	REVISED PER TDRR 01273	5-15-63	WH.
C	REVISED PER TDRR 02899	8 Aug 63	WH
D	REVISED PER TDRR 03392	9/26/63	WH
E	REVISED PER TDRR 03706	10 Oct 63	WH
F	REVISED PER TDRR 06244	2-18-64	WH
G	REVISED PER TDRR 13983	11-12-64	WH
H	REVISED PER TDRR 18121	4/21/65	WH
J	REVISED PER TDRR 20107	6/25/65	WH.

NOTES:

1. CONSTRUCTION REQUIREMENTS:
   - A. MATERIAL: AUSTENITIC CORROSION RESISTING STEEL PER QQ-S-763.
   - B. FINISH: PASSIVATE PER MIL-F-14072, E300.
   - C. THREADS SHALL CONFORM TO NATIONAL BUREAU OF STANDARDS HANDBOOK H28, CLASS 3A FOR BOTH NC AND NF SERIES.
   - D. CONCENTRICITY: BROACH TO BE CONCENTRIC WITH THREAD PITCH DIA. WITHIN "X" DIMENSION PER CHART T.I.R., SCREW HEAD SHALL BE CONCENTRIC TO THE AXIS OF THE SHANK OF THE SCREW WITHIN 3% T.I.R. OF THE MAX. BODY DIAMETER, OR .008 WHICHEVER IS GREATER. BEARING SURFACE OF HEAD TO BE SQUARE WITH BODY WITHIN ± 2°.
   - E. LENGTH TOLERANCES: UP TO AND INCLUDING 1 INCH: ± 1/64; FROM 1 INCH TO 2 INCH: +1/32 -1/64; OVER 2 INCHES: ± 1/32.
   - F. THREAD LENGTH: SCREW LENGTHS WILL BE THREADED TO HEAD.
   - G. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS AS SPECIFIED IN ND 1015404 CLASS 3.
   - H UNLESS OTHERWISE SPECIFIED, SCREWS SHALL MEET THE REQUIREMENTS OF FF-S-86 TYPE VIII
2. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.
3. MARKING: PACKAGING OF PARTS SHALL BE MARKED IN ACCORDANCE WITH MIL-STD-129, BOTH INTERNALLY & EXTERNALLY WITH THE NASA DRAWING NUMBER, REVISION LETTER AND DASH NUMBER, AND NUMBER OF PIECES. THE SUPPLIERS NAME MAY APPEAR ON THE PACKAGE.

SCREW SIZE	A	B	F MIN	H	L MAX (STANDARD)	N	Q MAX	R REF	S	W NOM	X
0	.114-.104	.060-.0568	.020	.032-.026	.500	.010-.005	.015	.070	.010-.005	.035	.005
1	.139-.129	.073-.0695	.028	.039-.033	.500	.010-.005	.015	.080	.010-.005	.050	.005
2	.164-.154	.086-.0822	.028	.046-.038	.500	.010-.005	.015	.099	.010-.005	.050	.005
3	.188-.176	.099-.0949	.035	.052-.044	.500	.010-.005	.015	.110	.010-.005	.0625	.005
4	.213-.201	.112-.1075	.035	.059-.051	.500	.010-.005	.015	.135	.010-.005	.0625	.005
5	.238-.226	.125-.1202	.044	.066-.058	.500	.010-.005	.015	.141	.010-.005	.0781	.005
6	.262-.250	.138-.1329	.044	.073-.063	.625	.010-.005	.015	.158	.010-.005	.0781	.005
8	.312-.298	.164-.1585	.052	.087-.077	.750	.015-.010	.015	.185	.015-.010	.0937	.006
10	.361-.347	.190-.1840	.070	.101-.091	1.000	.015-.010	.020	.213	.015-.010	.1250	.007
1/4	.437-.419	.250-.2435	.087	.132-.122	1.000	.020-.015	.031	.249	.020-.015	.1562	.009
5/16	.547-.527	.313-.3053	.105	.166-.152	1.000	.020-.015	.031	.309	.020-.015	.1875	.011
3/8	.656-.636	.375-.3678	.122	.199-.185	1.250	.020-.015	.031	.368	.020-.015	.2187	.013
1/2	.875-.851	.500-.4919	.175	.265-.245	2.000	.030-.020	.046	.481	.030-.020	.3125	.018
5/8	1.000-.970	.625-.6163	.210	.331-.311	2.000	.030-.020	.062	.523	.030-.020	.3750	.021



PROCURE ONLY FROM APPROVED SOURCES LISTED ON ND 1002034 FOR THIS DRAWING.

MASTER

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS.			

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL **SEE NOTES**
HEAT TREATMENT **NONE**
FINAL FINISH **SEE NOTES**

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG. NO. CONTRACT
DRAWN Ray Wheeler DATE 17 Dec 62
CHECKED R. Maynard 19 DEC 62
APPROVAL
APPROVAL 19 Dec 62
NASA APPROVAL 12-20-62
MIT APPROVAL

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

SCREW, BUTTON HEAD, HEX SOCKET
SPECIFICATION CONTROL DRAWING

CODE IDENT NO. 80230 | SIZE C | NASA DRAWING NO. 1006783
SCALE NONE | WT | SHEET 1 OF 2

1006783 J

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

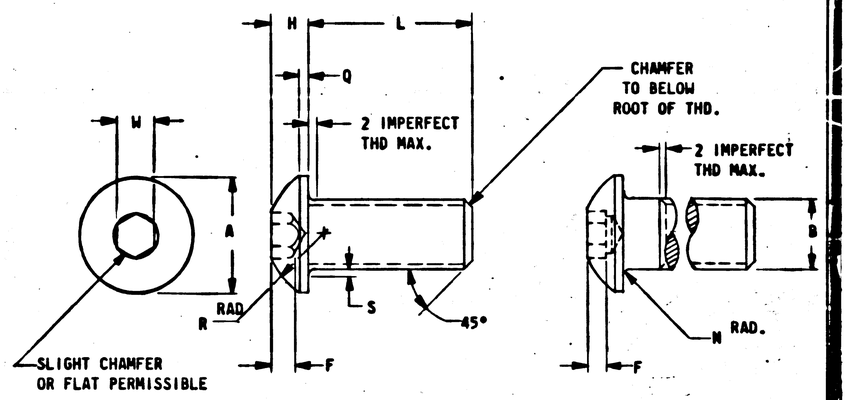
7 | 1006783

REVISIONS TDRR 00169-12-2062			
SYM	DESCRIPTION	DATE	APPROVAL
-	TAKEN FROM BUWEPS DWG 2318873		
A	REVISED PER TDRR 00807	10/9/63	WR.
B	REVISED PER TDRR 01273	5-15-63	WR.
C	REVISED PER TDRR 02899	8/14/63	WR.
D	REVISED PER TDRR 03392	9/26/63	WR.
E	REVISED PER TDRR 03706	10/8/63	WR.
F	REVISED PER TDRR 06244	2-18-64	WR.
G	REVISED PER TDRR 13983	11-12-64	WR.
H	REVISED PER TDRR 18121	4/21/65	WR.
J	REVISED PER TDRR 20107	6/28/65	WR.
K	REVISED PER TDRR 22435	9/21/66	WR.
L	REVISED PER TDRR 23169	10/5/66	WR.

NOTES:

1. CONSTRUCTION REQUIREMENTS:
   - A. MATERIAL: AUSTENITIC CORROSION RESISTING STEEL PER QQ-S-763.
   - B. FINISH: PASSIVATE PER MIL-F-14072, E300.
   - C. THREADS SHALL CONFORM TO NATIONAL BUREAU OF STANDARDS HANDBOOK H28, CLASS 3A FOR BOTH NC AND NF SERIES.
   - D. CONCENTRICITY: BROACH TO BE CONCENTRIC WITH THREAD PITCH DIA. WITHIN "X" DIMENSION PER CHART T.I.R., SCREW HEAD SHALL BE CONCENTRIC TO THE AXIS OF THE SHANK OF THE SCREW WITHIN 3% T.I.R. OF THE MAX. BODY DIAMETER, OR .008 WHICHEVER IS GREATER. BEARING SURFACE OF HEAD TO BE SQUARE WITH BODY WITHIN ± 2°.
   - E. LENGTH TOLERANCES: UP TO AND INCLUDING 1 INCH: ± 1/64; FROM 1 1/4 INCH TO 2 INCH: +1/32 -1/64; OVER 2 INCHES: ± 1/32.
   - F. THREAD LENGTH: SCREW LENGTHS WILL BE THREADED TO HEAD.
   - G. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS AS SPECIFIED IN ND 1015404 CLASS 3.
   - H. UNLESS OTHERWISE SPECIFIED, SCREWS SHALL MEET THE REQUIREMENTS OF FF-S-86 TYPE VIII
2. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.
3. MARKING: PACKAGING OF PARTS SHALL BE MARKED IN ACCORDANCE WITH MIL-STD-129, BOTH INTERNALLY & EXTERNALLY WITH THE NASA DRAWING NUMBER, REVISION LETTER AND DASH NUMBER, AND NUMBER OF PIECES. THE SUPPLIERS NAME MAY APPEAR ON THE PACKAGE.

SCREW SIZE	A	B	F MIN	H	L MAX (STANDARD)	N	Q MAX	R REF	S	W NOM	X
0	.114-.104	.060-.0568	.020	.032-.026	.500	.010-.005	.015	.070	.010-.005	.035	.005
1	.139-.129	.073-.0695	.028	.039-.033	.500	.010-.005	.015	.080	.010-.005	.050	.005
2	.164-.154	.086-.0822	.028	.046-.038	.500	.010-.005	.015	.099	.010-.005	.050	.005
3	.188-.176	.099-.0949	.035	.052-.044	.500	.010-.005	.015	.110	.010-.005	.0625	.005
4	.213-.201	.112-.1075	.035	.059-.051	.500	.010-.005	.015	.135	.010-.005	.0625	.005
5	.238-.226	.125-.1202	.044	.066-.058	.500	.010-.005	.015	.141	.010-.005	.0781	.005
6	.262-.250	.138-.1329	.044	.073-.063	.625	.010-.005	.015	.158	.010-.005	.0781	.005
8	.312-.298	.164-.1585	.052	.087-.077	.750	.015-.010	.015	.185	.015-.010	.0937	.006
10	.361-.347	.190-.1840	.070	.101-.091	1.000	.015-.010	.020	.213	.015-.010	.1250	.007
1/4	.437-.419	.250-.2435	.087	.132-.122	1.000	.020-.015	.031	.249	.020-.015	.1562	.009
5/16	.547-.527	.313-.3053	.105	.166-.152	1.000	.020-.015	.031	.309	.020-.015	.1875	.011
3/8	.656-.636	.375-.3678	.122	.199-.185	1.250	.020-.015	.031	.368	.020-.015	.2187	.013
1/2	.875-.851	.500-.4919	.175	.265-.245	2.000	.030-.020	.046	.481	.030-.020	.3125	.018
5/8	1.000-.970	.625-.6163	.210	.331-.311	2.000	.030-.020	.062	.523	.030-.020	.3750	.021



PROCURE ONLY FROM APPROVED SOURCES LISTED ON ND 1002034 FOR THIS DRAWING.

MASTER

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± — DECIMALS ± — ANGLES ± —
DO NOT SCALE THIS DRAWING
MATERIAL: SEE NOTES
HEAT TREATMENT: NONE
FINAL FINISH: SEE NOTES

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS.

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG. NO. — CONTRACT
DRAWN Ray Wheeler DATE 17 Sept 62
CHECKED R. Wagner 19 Dec 62
APPROVAL
APPROVAL
NASA APPROVAL W.J. Klein 12-20-62
MIT APPROVAL W.A. Hyde 20 Dec 62

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

SCREW,
BUTTON HEAD, HEX SOCKET
SPECIFICATION CONTROL DRAWING

CODE IDENT NO. 80230 | SIZE C | NASA DRAWING NO. 1006783
SCALE NONE | WT | SHEET 1 OF 2

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

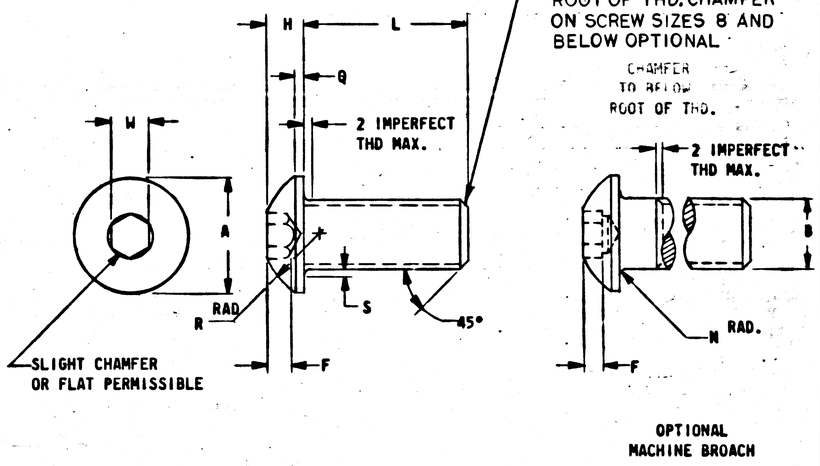
N 1006783

REVISIONS TDRR 00189 -12-2062			
SYM	DESCRIPTION	DATE	APPROVAL
-	TAKEN FROM BUWEPS DWG 2318873		
A	REVISED PER TDRR 00807	10 Apr 63	WR.
B	REVISED PER TDRR 01273	5-15-63	WR.
C	REVISED PER TDRR 02899	8 Aug 63	WR
D	REVISED PER TDRR 03392	9/26/63	WR
E	REVISED PER TDRR 03706	8 Oct 63	WR
F	REVISED PER TDRR 06244	2-18-64	WR
G	REVISED PER TDRR 13983	11-12-64	WR
H	REVISED PER TDRR 18121	4/21/65	WR
J	REVISED PER TDRR 20107	6/28/65	WR.
K	REVISED PER TDRR 22435	9/21/65	WR.
L	REVISED PER TDRR 23169	10/5/65	WR.
M	REVISED PER TDRR 24031	11/23/65	WR
N	REVISED PER TDRR 25537	2/15/66	WR

NOTES:

1. CONSTRUCTION REQUIREMENTS:
   - A. MATERIAL: AUSTENITIC CORROSION RESISTING STEEL PER QQ-S-763.
   - B. FINISH: PASSIVATE PER MIL-F-14072, E300.
   - C. THREADS SHALL CONFORM TO NATIONAL BUREAU OF STANDARDS HANDBOOK H28, CLASS 3A FOR BOTH NC AND NF SERIES.
   - D. CONCENTRICITY: BROACH TO BE CONCENTRIC WITH THREAD PITCH DIA. WITHIN "X" DIMENSION PER CHART T.I.R., SCREW HEAD SHALL BE CONCENTRIC TO THE AXIS OF THE SHANK OF THE SCREW WITHIN 3% T.I.R. OF THE MAX. BODY DIAMETER, OR .008 WHICHEVER IS GREATER. BEARING SURFACE OF HEAD TO BE SQUARE WITH BODY WITHIN ± 2°.
   - E. LENGTH TOLERANCES: UP TO AND INCLUDING 1 INCH: ± 1/64; FROM 1 ¼ INCH TO 2 INCH: +1/32 -1/64; OVER 2 INCHES: ± 1/32.
   - F. THREAD LENGTH: SCREW LENGTHS WILL BE THREADED TO HEAD.
   - G. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS AS SPECIFIED IN ND 1015404 CLASS 3.
   - H. UNLESS OTHERWISE SPECIFIED, SCREWS SHALL MEET THE REQUIREMENTS OF FF-S-86 TYPE VIII
2. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.
3. MARKING: PACKAGING OF PARTS SHALL BE MARKED IN ACCORDANCE WITH MIL-STD-129, BOTH INTERNALLY & EXTERNALLY WITH THE NASA DRAWING NUMBER, REVISION LETTER AND DASH NUMBER, AND NUMBER OF PIECES. THE SUPPLIERS NAME MAY APPEAR ON THE PACKAGE.

SCREW SIZE	A	B	F MIN	H	L MAX (STANDARD)	N	Q MAX	R REF	S	W NOM	X
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2	.164-.154	.086-.0822	.028	.046-.038	.500	.010-.005	.015	.099	.010-.005	.050	.005
3	.188-.176	.099-.0949	.035	.052-.044	.500	.010-.005	.015	.110	.010-.005	.0625	.005
4	.213-.201	.112-.1075	.035	.059-.051	.500	.010-.005	.015	.135	.010-.005	.0625	.005
5	.238-.226	.125-.1202	.044	.066-.058	.500	.010-.005	.015	.141	.010-.005	.0781	.005
6	.262-.250	.138-.1329	.044	.073-.063	.625	.010-.005	.015	.158	.010-.005	.0781	.005
8	.312-.298	.164-.1585	.052	.087-.077	.750	.015-.010	.015	.185	.015-.010	.0937	.006
10	.361-.347	.190-.1840	.070	.101-.091	1.000	.015-.010	.020	.213	.015-.010	.1250	.007
1/4	.437-.419	.250-.2435	.087	.132-.122	1.000	.020-.015	.031	.249	.020-.015	.1562	.009
5/16	.547-.527	.313-.3053	.105	.166-.152	1.000	.020-.015	.031	.309	.020-.015	.1875	.011
3/8	.656-.636	.375-.3678	.122	.199-.185	1.250	.020-.015	.031	.368	.020-.015	.2187	.013
1/2	.875-.851	.500-.4919	.175	.265-.245	2.000	.030-.020	.046	.481	.030-.020	.3125	.018
5/8	1.000-.970	.625-.6163	.210	.331-.311	2.000	.030-.020	.062	.523	.030-.020	.3750	.021



PROCURE ONLY FROM APPROVED SOURCES LISTED ON ND 1002034 FOR THIS DRAWING.

MASTER

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.
		LIST OF MATERIALS.	

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL: SEE NOTES
HEAT TREATMENT: NONE
FINAL FINISH: SEE NOTES

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG. NO. CONTRACT

DRAWN Ray Wheeler DATE 17 Jan 62
CHECKED R. Hayward 19 DEC 62
APPROVAL
APPROVAL
NASA APPROVAL W O Rhine 12-20-62
MIT APPROVAL W H Hopkins 20 Dec

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

SCREW,
BUTTON HEAD, HEX SOCKET
SPECIFICATION CONTROL DRAWING

CODE IDENT NO. 80230 | SIZE C | NASA DRAWING NO. 1006783
SCALE NONE | WT | SHEET 1 OF 2

1006783 N B A

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

K 1006783

REVISIONS TDRR 00189 12-20-62

SYM	DESCRIPTION	DATE	APPROVAL
A	REVISED PER TDRR 00807	1/29/63	WK
B	REVISED PER TDRR 01273	5-15-63	WK
C	REVISED PER TDRR 02859	5/24/63	WK
D	REVISED PER TDRR 03292	9/26/63	WK
E	REVISED PER TDRR 03706	8/28/63	WK
F	REVISED PER TDRR 06244	2-18-64	WK
G	REVISED PER TDRR 13983	11-12-64	WK
H	REVISED PER TDRR 18121	4/21/65	WK
J	REVISED PER TDRR 20107	6/28/65	WK
K	REVISED PER TDRR 22435	9/24/65	WK

DASH NO.	THREAD	LENGTH
1	0-80NF-3A	1/8
2	0-80NF-3A	3/16
3	0-80NF-3A	1/4
4	0-80NF-3A	3/8
5	1-72NF-3A	1/8
6	1-72NF-3A	3/16
7	1-72NF-3A	1/4
8	1-72NF-3A	3/8
9	2-56NC-3A	3/16
10	2-56NC-3A	1/4
11	2-56NC-3A	11/32
12	2-56NC-3A	3/8
13	2-56NC-3A	1/2
14	3-48NC-3A	3/16
15	3-48NC-3A	1/4
16	3-48NC-3A	3/8
17	3-48NC-3A	1/2
18	4-40NC-3A	1/4
19	4-40NC-3A	3/8
20	4-40NC-3A	1/2
21	6-32NC-3A	1/4
22	6-32NC-3A	3/8
23	6-32NC-3A	1/2
24	6-32NC-3A	5/8
25	8-32NC-3A	1/4
26	8-32NC-3A	3/8
27	8-32NC-3A	1/2
28	8-32NC-3A	5/8
29	8-32NC-3A	3/4
30	8-36NF-3A	1/4
31	8-36NF-3A	3/8
32	8-36NF-3A	1/2
33	8-36NF-3A	5/8
34	8-36NF-3A	3/4
35	10-24NC-3A	1/4

DASH NO.	THREAD	LENGTH
36	10-24NC-3A	3/8
37	10-24NC-3A	1/2
38	10-24NC-3A	5/8
39	10-24NC-3A	3/4
40	10-24NC-3A	7/8
41	10-24NC-3A	1
42	10-32NF-3A	1/4
43	10-32NF-3A	3/8
44	10-32NF-3A	1/2
45	10-32NF-3A	5/8
46	10-32NF-3A	3/4
47	10-32NF-3A	7/8
48	10-32NF-3A	1
49	1/4-20UNC-3A	3/8
50	1/4-20UNC-3A	1/2
51	1/4-20UNC-3A	5/8
52	1/4-20UNC-3A	3/4
53	1/4-20UNC-3A	7/8
54	1/4-20UNC-3A	1
55	1/4-28UNF-3A	3/8
56	1/4-28UNF-3A	1/2
57	1/4-28UNF-3A	5/8
58	1/4-28UNF-3A	3/4
59	1/4-28UNF-3A	7/8
60	1/4-28UNF-3A	1
61	5/16-18UNC-3A	3/8
62	5/16-18UNC-3A	1/2
63	5/16-18UNC-3A	5/8
64	5/16-18UNC-3A	3/4
65	5/16-18UNC-3A	7/8
66	5/16-18UNC-3A	1
67	5/16-24UNF-3A	3/8
68	5/16-24UNF-3A	1/2
69	5/16-24UNF-3A	5/8
70	5/16-24UNF-3A	3/4

DASH NO.	THREAD	LENGTH
71	5/16-24UNF-3A	7/8
72	5/16-24UNF-3A	1
73	3/8-16UNC-3A	1/2
74	3/8-16UNC-3A	5/8
75	3/8-16UNC-3A	3/4
76	3/8-16UNC-3A	7/8
77	3/8-16UNC-3A	1
78	3/8-16UNC-3A	1-1/4
79	3/8-24UNF-3A	1/2
80	3/8-24UNF-3A	5/8
81	3/8-24UNF-3A	3/4
82	3/8-24UNF-3A	7/8
83	3/8-24UNF-3A	1
84	3/8-24UNF-3A	1-1/4
85	1/2-13UNC-3A	1
86	1/2-13UNC-3A	1-1/4
87	1/2-13UNC-3A	1-1/2
88	1/2-13UNC-3A	1-3/4
89	5/8-11UNC-3A	1
90	5/8-11UNC-3A	1-1/4
91	5/8-11UNC-3A	1-1/2
92	5/8-11UNC-3A	1-3/4
93	2/56NC-3A	1/8
94	2/56NC-3A	13/16
95	4/40NC-3A	5/16
96	4/40NC-3A	1-1/4

DASH NO	THREAD	LENGTH	VENDOR PART NO.
97	1/4-20UNC-3A	3-1/2	
98	2-56NC-3A	11/16	
99	4-40NC-3A	7/8	
100	4-40NC-3A	7/16	
101	10-32UNF-3A	1-1/8	
102	2-56NC-3A	9/16	

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL
HEAT TREATMENT
FINAL FINISH

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG. NO. CONTRACT

DRAWN Ray Wheeler DATE 17 Dec 62
CHECKED H. Mongeau 19 DEC '62
APPROVAL L. Morton
APPROVAL D. Deegan 19 Dec 62
NASA APPROVAL W. O. Rhine 12-20-62
MIT APPROVAL W. Tyler Wilder

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

SCREW,
BUTTON HEAD, HEX SOCKET
SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
80230	C	1006783

SCALE NONE WT SHEET 2 OF 2

MASTER

1006783

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

DASH NO.	THREAD	LENGTH	VENDOR PART NO.
1	0-80NF-3A	1/8	38031-90F-02
2	0-80NF-3A	3/16	-90F-03
3	0-80NF-3A	1/4	-90F-04
4	0-80NF-3A	3/8	-90F-06
5	1-72NF-3A	1/8	-91F-02
6	1-72NF-3A	3/16	-91F-03
7	1-72NF-3A	1/4	-91F-04
8	1-72NF-3A	3/8	-91F-06
9	2-56NC-3A	3/16	-92C-03
10	2-56NC-3A	1/4	-92C-04
11	2-56NC-3A	11/32	
12	2-56NC-3A	3/8	-92C-06
13	2-56NC-3A	1/2	-92C-08
14	3-48NC-3A	3/16	-93C-03
15	3-48NC-3A	1/4	-93C-04
16	3-48NC-3A	3/8	-93C-06
17	3-48NC-3A	1/2	-93C-08
18	4-40NC-3A	1/4	-94C-04
19	4-40NC-3A	3/8	-94C-06
20	4-40NC-3A	1/2	-94C-08
21	6-32NC-3A	1/4	-96C-04
22	6-32NC-3A	3/8	-96C-06
23	6-32NC-3A	1/2	-96C-08
24	6-32NC-3A	5/8	-96C-10
25	8-32NC-3A	1/4	-98C-04
26	8-32NC-3A	3/8	-98C-06
27	8-32NC-3A	1/2	-98C-08
28	8-32NC-3A	5/8	-98C-10
29	8-32NC-3A	3/4	-98C-12
30	8-36NF-3A	1/4	-98F-04
31	8-36NF-3A	3/8	-98F-06
32	8-36NF-3A	1/2	-98F-08
33	8-36NF-3A	5/8	-98F-10
34	8-36NF-3A	3/4	-98F-12
35	10-24NC-3A	1/4	-3C-04

DASH NO.	THREAD	LENGTH	VENDOR PART NO.
36	10-24NC-3A	3/8	38031-3C-06
37	10-24NC-3A	1/2	-3C-08
38	10-24NC-3A	5/8	-3C-10
39	10-24NC-3A	3/4	-3C-12
40	10-24NC-3A	7/8	-3C-14
41	10-24NC-3A	1	-3C-16
42	10-32NF-3A	1/4	-3F-04
43	10-32NF-3A	3/8	-3F-06
44	10-32NF-3A	1/2	-3F-08
45	10-32NF-3A	5/8	-3F-10
46	10-32NF-3A	3/4	-3F-12
47	10-32NF-3A	7/8	-3F-14
48	10-32NF-3A	1	-3F-16
49	1/4-20UNC-3A	3/8	-4C-06
50	1/4-20UNC-3A	1/2	-4C-08
51	1/4-20UNC-3A	5/8	-4C-10
52	1/4-20UNC-3A	3/4	-4C-12
53	1/4-20UNC-3A	7/8	-4C-14
54	1/4-20UNC-3A	1	-4C-16
55	1/4-28UNF-3A	3/8	-4F-06
56	1/4-28UNF-3A	1/2	-4F-08
57	1/4-28UNF-3A	5/8	-4F-10
58	1/4-28UNF-3A	3/4	-4F-12
59	1/4-28UNF-3A	7/8	-4F-14
60	1/4-28UNF-3A	1	-4F-16
61	5/16-18UNC-3A	3/8	-5C-06
62	5/16-18UNC-3A	1/2	-5C-08
63	5/16-18UNC-3A	5/8	-5C-10
64	5/16-18UNC-3A	3/4	-5C-12
65	5/16-18UNC-3A	7/8	-5C-14
66	5/16-18UNC-3A	1	-5C-16
67	5/16-24UNF-3A	3/8	-5F-06
68	5/16-24UNF-3A	1/2	-5F-08
69	5/16-24UNF-3A	5/8	-5F-10
70	5/16-24UNF-3A	3/4	-5F-12

DASH NO.	THREAD	LENGTH	VENDOR PART NO.
71	5/16-24UNF-3A	7/8	38031-5F-14
72	5/16-24UNF-3A	1	-5F-16
73	3/8-16UNC-3A	1/2	-6C-08
74	3/8-16UNC-3A	5/8	-6C-10
75	3/8-16UNC-3A	3/4	-6C-12
76	3/8-16UNC-3A	7/8	-6C-14
77	3/8-16UNC-3A	1	-6C-16
78	3/8-16UNC-3A	1-1/4	-6C-20
79	3/8-24UNF-3A	1/2	-6F-08
80	3/8-24UNF-3A	5/8	-6F-10
81	3/8-24UNF-3A	3/4	-6F-12
82	3/8-24UNF-3A	7/8	-6F-14
83	3/8-24UNF-3A	1	-6F-16
84	3/8-24UNF-3A	1-1/4	-6F-20
85	1/2-13UNC-3A	1	-8C-16
86	1/2-13UNC-3A	1-1/4	-8C-20
87	1/2-13UNC-3A	1-1/2	-8C-24
88	1/2-13UNC-3A	1-3/4	-8C-28
89	5/8-11UNC-3A	1	-10C-16
90	5/8-11UNC-3A	1-1/4	-10C-20
91	5/8-11UNC-3A	1-1/2	-10C-24
92	5/8-11UNC-3A	1-3/4	-10C-28
93	2/56NC-3A	1/8	-92C-02
94	2/56NC-3A	13/16	NON STANDARD
95	4/40NC-3A	5/16	-94C-05
96	4/40NC-3A	1-1/4	38031-94C-20

DASH NO	THREAD	LENGTH	VENDOR PART NO.
97	1/4-20UNC-3A	3-1/2	38031-4C-56
98	2-56NC-3A	11/16	38031-92C-11
99	4-40NC-3A	7/8	38031-94C-14
100	4-40NC-3A	7/16	— — — — —

H 1006783

REVISIONS TDRR 00079 12-20-62

SYM	DESCRIPTION	DATE	APPROVAL
A	REVISED PER TDRR 00807	10/9/63	WK
B	REVISED PER TDRR 01273	5-15-63	WK
C	REVISED PER TDRR 02859	8/14/63	WK
D	REVISED PER TDRR 03292	9/26/63	WK
E	REVISED PER TDRR 03706	10/28/63	WK
F	REVISED PER TDRR 06244	2-18-64	WK
G	REVISED PER TDRR 13983	11-12-64	WK
H	REVISED PER TDRR 18121	4/21/65	WK

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL
HEAT TREATMENT
FINAL FINISH

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.
DWG. NO. CONTRACT

DRAWN Ray Wheeler DATE 17 Dec 62
CHECKED H. Meyers 19 DEC '62
APPROVAL Morton
APPROVAL Dragon 19 Dec 62
NASA APPROVAL W.J. Kilmer 12-20-62
MIT APPROVAL

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

SCREW,
BUTTON HEAD, HEX SOCKET
SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
80230	C	1006783
SCALE NONE	WT	SHEET 2 OF 2

MASTER

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1006783

REVISIONS TDRR 00189 12-20-62

SYM	DESCRIPTION	DATE	APPROVAL
A	REVISED PER TDRR 00807	4/29/63	WJK
B	REVISED PER TDRR 01273	5-15-63	WJK
C	REVISED PER TDRR 02859	8/29/63	WJK
D	REVISED PER TDRR 03292	9/26/63	APP
E	REVISED PER TDRR 03706	8 Oct 63	WJK
F	REVISED PER TDRR 06244	2-18-64	WJK
G	REVISED PER TDRR 13983	11-12-64	WJK
H	REVISED PER TDRR 18121	4/21/65	WJK
J	REVISED PER TDRR 20107	6/28/65	WJK

DASH NO.	THREAD	LENGTH
1	0-80NF-3A	1/8
2	0-80NF-3A	3/16
3	0-80NF-3A	1/4
4	0-80NF-3A	3/8
5	1-72NF-3A	1/8
6	1-72NF-3A	3/16
7	1-72NF-3A	1/4
8	1-72NF-3A	3/8
9	2-56NC-3A	3/16
10	2-56NC-3A	1/4
11	2-56NC-3A	11/32
12	2-56NC-3A	3/8
13	2-56NC-3A	1/2
14	3-48NC-3A	3/16
15	3-48NC-3A	1/4
16	3-48NC-3A	3/8
17	3-48NC-3A	1/2
18	4-40NC-3A	1/4
19	4-40NC-3A	3/8
20	4-40NC-3A	1/2
21	6-32NC-3A	1/4
22	6-32NC-3A	3/8
23	6-32NC-3A	1/2
24	6-32NC-3A	5/8
25	8-32NC-3A	1/4
26	8-32NC-3A	3/8
27	8-32NC-3A	1/2
28	8-32NC-3A	5/8
29	8-32NC-3A	3/4
30	8-36NF-3A	1/4
31	8-36NF-3A	3/8
32	8-36NF-3A	1/2
33	8-36NF-3A	5/8
34	8-36NF-3A	3/4
35	10-24NC-3A	1/4

DASH NO.	THREAD	LENGTH
36	10-24NC-3A	3/8
37	10-24NC-3A	1/2
38	10-24NC-3A	5/8
39	10-24NC-3A	3/4
40	10-24NC-3A	7/8
41	10-24NC-3A	1
42	10-32NF-3A	1/4
43	10-32NF-3A	3/8
44	10-32NF-3A	1/2
45	10-32NF-3A	5/8
46	10-32NF-3A	3/4
47	10-32NF-3A	7/8
48	10-32NF-3A	1
49	1/4-20UNC-3A	3/8
50	1/4-20UNC-3A	1/2
51	1/4-20UNC-3A	5/8
52	1/4-20UNC-3A	3/4
53	1/4-20UNC-3A	7/8
54	1/4-20UNC-3A	1
55	1/4-28UNF-3A	3/8
56	1/4-28UNF-3A	1/2
57	1/4-28UNF-3A	5/8
58	1/4-28UNF-3A	3/4
59	1/4-28UNF-3A	7/8
60	1/4-28UNF-3A	1
61	5/16-18UNC-3A	3/8
62	5/16-18UNC-3A	1/2
63	5/16-18UNC-3A	5/8
64	5/16-18UNC-3A	3/4
65	5/16-18UNC-3A	7/8
66	5/16-18UNC-3A	1
67	5/16-24UNF-3A	3/8
68	5/16-24UNF-3A	1/2
69	5/16-24UNF-3A	5/8
70	5/16-24UNF-3A	3/4

DASH NO.	THREAD	LENGTH
71	5/16-24UNF-3A	7/8
72	5/16-24UNF-3A	1
73	3/8-16UNC-3A	1/2
74	3/8-16UNC-3A	5/8
75	3/8-16UNC-3A	3/4
76	3/8-16UNC-3A	7/8
77	3/8-16UNC-3A	1
78	3/8-16UNC-3A	1-1/4
79	3/8-24UNF-3A	1/2
80	3/8-24UNF-3A	5/8
81	3/8-24UNF-3A	3/4
82	3/8-24UNF-3A	7/8
83	3/8-24UNF-3A	1
84	3/8-24UNF-3A	1-1/4
85	1/2-13UNC-3A	1
86	1/2-13UNC-3A	1-1/4
87	1/2-13UNC-3A	1-1/2
88	1/2-13UNC-3A	1-3/4
89	5/8-11UNC-3A	1
90	5/8-11UNC-3A	1-1/4
91	5/8-11UNC-3A	1-1/2
92	5/8-11UNC-3A	1-3/4
93	2/56NC-3A	1/8
94	2/56NC-3A	13/16
95	4/40NC-3A	5/16
96	4/40NC-3A	1-1/4

DASH NO	THREAD	LENGTH
97	1/4-20UNC-3A	3-1/2
98	2-56NC-3A	11/16
99	4-40NC-3A	7/8
100	4-40NC-3A	7/16
101	10-32UNF-3A	1-1/8

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL
HEAT TREATMENT
FINAL FINISH

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG. NO. CONTRACT

DRAWN Ray Wheeler DATE 17 Dec. 62
CHECKED H. Maynard 19 DEC '62
APPROVAL [signature]
APPROVAL [signature] 19 Dec 62
NASA APPROVAL [signature] 12-20-62
MIT APPROVAL [signature]

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

SCREW, BUTTON HEAD, HEX SOCKET
SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
80230	C	1006783

SCALE NONE WT SHEET 2 OF 2

MASTER

1006783

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DASH NO.	THREAD	LENGTH	VENDOR PART NO.
1	0-80NF-3A	1/8	
2	0-80NF-3A	3/16	
3	0-80NF-3A	1/4	
4	0-80NF-3A	3/8	
5	1-72NF-3A	1/8	
6	1-72NF-3A	3/16	
7	1-72NF-3A	1/4	
8	1-72NF-3A	3/8	
9	2-56NC-3A	3/16	
10	2-56NC-3A	1/4	
11	2-56NC-3A	11/32	
12	2-56NC-3A	3/8	
13	2-56NC-3A	1/2	
14	3-48NC-3A	3/16	
15	3-48NC-3A	1/4	
16	3-48NC-3A	3/8	
17	3-48NC-3A	1/2	
18	4-40NC-3A	1/4	
19	4-40NC-3A	3/8	
20	4-40NC-3A	1/2	
21	6-32NC-3A	1/4	
22	6-32NC-3A	3/8	
23	6-32NC-3A	1/2	
24	6-32NC-3A	5/8	
25	8-32NC-3A	1/4	
26	8-32NC-3A	3/8	
27	8-32NC-3A	1/2	
28	8-32NC-3A	5/8	
29	8-32NC-3A	3/4	
30	8-36NF-3A	1/4	
31	8-36NF-3A	3/8	
32	8-36NF-3A	1/2	
33	8-36NF-3A	5/8	
34	8-36NF-3A	3/4	
35	10-24NC-3A	1/4	

DASH NO.	THREAD	LENGTH	VENDOR PART NO.
36	10-24NC-3A	3/8	
37	10-24NC-3A	1/2	
38	10-24NC-3A	5/8	
39	10-24NC-3A	3/4	
40	10-24NC-3A	7/8	
41	10-24NC-3A	1	
42	10-32NF-3A	1/4	
43	10-32NF-3A	3/8	
44	10-32NF-3A	1/2	
45	10-32NF-3A	5/8	
46	10-32NF-3A	3/4	
47	10-32NF-3A	7/8	
48	10-32NF-3A	1	
49	1/4-20UNC-3A	3/8	
50	1/4-20UNC-3A	1/2	
51	1/4-20UNC-3A	5/8	
52	1/4-20UNC-3A	3/4	
53	1/4-20UNC-3A	7/8	
54	1/4-20UNC-3A	1	
55	1/4-28UNF-3A	3/8	
56	1/4-28UNF-3A	1/2	
57	1/4-28UNF-3A	5/8	
58	1/4-28UNF-3A	3/4	
59	1/4-28UNF-3A	7/8	
60	1/4-28UNF-3A	1	
61	5/16-18UNC-3A	3/8	
62	5/16-18UNC-3A	1/2	
63	5/16-18UNC-3A	5/8	
64	5/16-18UNC-3A	3/4	
65	5/16-18UNC-3A	7/8	
66	5/16-18UNC-3A	1	
67	5/16-24UNF-3A	3/8	
68	5/16-24UNF-3A	1/2	
69	5/16-24UNF-3A	5/8	
70	5/16-24UNF-3A	3/4	

DASH NO.	THREAD	LENGTH	VENDOR PART NO.
71	5/16-24UNF-3A	7/8	
72	5/16-24UNF-3A	1	
73	3/8-16UNC-3A	1/2	
74	3/8-16UNC-3A	5/8	
75	3/8-16UNC-3A	3/4	
76	3/8-16UNC-3A	7/8	
77	3/8-16UNC-3A	1	
78	3/8-16UNC-3A	1-1/4	
79	3/8-24UNF-3A	1/2	
80	3/8-24UNF-3A	5/8	
81	3/8-24UNF-3A	3/4	
82	3/8-24UNF-3A	7/8	
83	3/8-24UNF-3A	1	
84	3/8-24UNF-3A	1-1/4	
85	1/2-13UNC-3A	1	
86	1/2-13UNC-3A	1-1/4	
87	1/2-13UNC-3A	1-1/2	
88	1/2-13UNC-3A	1-3/4	
89	5/8-11UNC-3A	1	
90	5/8-11UNC-3A	1-1/4	
91	5/8-11UNC-3A	1-1/2	
92	5/8-11UNC-3A	1-3/4	
93	2/56NC-3A	1/8	
94	2/56NC-3A	13/16	
95	4/40NC-3A	5/16	
96	4/40NC-3A	1-1/4	

DASH NO	THREAD	LENGTH	VENDOR PART NO.
97	1/4-20UNC-3A	3-1/2	
98	2-56NC-3A	11/16	
99	4-40NC-3A	7/8	
100	4-40NC-3A	7/16	
101	10-32UNF-3A	1-1/8	
102	2-56NC-3A	9/16	
103	6-32NC-3A	5/16	

SYM	DESCRIPTION	DATE	APPROVAL
	REVISIONS TDRR 00649 12-20-62		
A	REVISED PER TDRR 00807	10/29/63	WK
B	REVISED PER TDRR 01273	5-15-63	WK
C	REVISED PER TDRR 02859	8/14/63	WK
D	REVISED PER TDRR 03292	9/26/63	WK
E	REVISED PER TDRR 03706	8/28/63	WK
F	REVISED PER TDRR 06244	2-18-64	WK
G	REVISED PER TDRR 13983	11-12-64	WK
H	REVISED PER TDRR 18121	4/21/65	WK
J	REVISED PER TDRR 20107	6/28/65	WK
K	REVISED PER TDRR 22435	9/21/65	WK.
L	REVISED PER TDRR 23169	10/14/65	WK.

1006783 | L

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL
HEAT TREATMENT
FINAL FINISH

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG. NO. CONTRACT

DRAWN Ray Wheeler DATE 17 Dec 62
CHECKED H. Mayer 19 DEC '62
APPROVAL
APPROVAL 19 Dec 62
NASA APPROVAL 12-20-62
MIT APPROVAL

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

SCREW,
BUTTON HEAD, HEX SOCKET
SPECIFICATION CONTROL DRAWING

CODE IDENT NO. 80230 | SIZE C | NASA DRAWING NO. 1006783
SCALE NONE | WT | SHEET 2 OF 2

MASTER

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N 1006783

REVISIONS TDRR 00089 12-20-62

SYM	DESCRIPTION	DATE	APPROVAL
A	REVISED PER TDRR 00807	1/29/63	WJK
B	REVISED PER TDRR 01273	5-15-63	WJK
C	REVISED PER TDRR 02859	5/29/63	WJK
D	REVISED PER TDRR 03292	9/26/63	WJK
E	REVISED PER TDRR 03706	8 Oct 63	WJK
F	REVISED PER TDRR 06244	2-18-64	WJK
G	REVISED PER TDRR 13983	11-12-64	WJK
H	REVISED PER TDRR 18121	4/21/65	WJK
J	REVISED PER TDRR 20107	6/28/65	WJK
K	REVISED PER TDRR 22435	9/21/65	WJK
L	REVISED PER TDRR 23169	10/19/65	WJK
M	REVISED PER TDRR 24031	4/23/66	WJK
N	REVISED PER TDRR 25537	7/15/66	WJK

DASH NO.	THREAD	LENGTH	VENDOR PART NO.
1	0-80NF-3A	1/8	
2	0-80NF-3A	3/16	
3	0-80NF-3A	1/4	
4	0-80NF-3A	3/8	
5	1-72NF-3A	1/8	
6	1-72NF-3A	3/16	
7	1-72NF-3A	1/4	
8	1-72NF-3A	3/8	
9	2-56NC-3A	3/16	
10	2-56NC-3A	1/4	
11	2-56NC-3A	11/32	
12	2-56NC-3A	3/8	
13	2-56NC-3A	1/2	
14	3-48NC-3A	3/16	
15	3-48NC-3A	1/4	
16	3-48NC-3A	3/8	
17	3-48NC-3A	1/2	
18	4-40NC-3A	1/4	
19	4-40NC-3A	3/8	
20	4-40NC-3A	1/2	
21	6-32NC-3A	1/4	
22	6-32NC-3A	3/8	
23	6-32NC-3A	1/2	
24	6-32NC-3A	5/8	
25	8-32NC-3A	1/4	
26	8-32NC-3A	3/8	
27	8-32NC-3A	1/2	
28	8-32NC-3A	5/8	
29	8-32NC-3A	3/4	
30	8-36NF-3A	1/4	
31	8-36NF-3A	3/8	
32	8-36NF-3A	1/2	
33	8-36NF-3A	5/8	
34	8-36NF-3A	3/4	
35	10-24NC-3A	1/4	

DASH NO.	THREAD	LENGTH	VENDOR PART NO.
36	10-24NC-3A	3/8	
37	10-24NC-3A	1/2	
38	10-24NC-3A	5/8	
39	10-24NC-3A	3/4	
40	10-24NC-3A	7/8	
41	10-24NC-3A	1	
42	10-32NF-3A	1/4	
43	10-32NF-3A	3/8	
44	10-32NF-3A	1/2	
45	10-32NF-3A	5/8	
46	10-32NF-3A	3/4	
47	10-32NF-3A	7/8	
48	10-32NF-3A	1	
49	1/4-20UNC-3A	3/8	
50	1/4-20UNC-3A	1/2	
51	1/4-20UNC-3A	5/8	
52	1/4-20UNC-3A	3/4	
53	1/4-20UNC-3A	7/8	
54	1/4-20UNC-3A	1	
55	1/4-28UNF-3A	3/8	
56	1/4-28UNF-3A	1/2	
57	1/4-28UNF-3A	5/8	
58	1/4-28UNF-3A	3/4	
59	1/4-28UNF-3A	7/8	
60	1/4-28UNF-3A	1	
61	5/16-18UNC-3A	3/8	
62	5/16-18UNC-3A	1/2	
63	5/16-18UNC-3A	5/8	
64	5/16-18UNC-3A	3/4	
65	5/16-18UNC-3A	7/8	
66	5/16-18UNC-3A	1	
67	5/16-24UNF-3A	3/8	
68	5/16-24UNF-3A	1/2	
69	5/16-24UNF-3A	5/8	
70	5/16-24UNF-3A	3/4	

DASH NO.	THREAD	LENGTH	VENDOR PART NO.
71	5/16-24UNF-3A	7/8	38031-5C-14
72	5/16-24UNF-3A	1	
73	3/8-16UNC-3A	1/2	
74	3/8-16UNC-3A	5/8	
75	3/8-16UNC-3A	3/4	
76	3/8-16UNC-3A	7/8	
77	3/8-16UNC-3A	1	
78	3/8-16UNC-3A	1-1/4	
79	3/8-24UNF-3A	1/2	
80	3/8-24UNF-3A	5/8	
81	3/8-24UNF-3A	3/4	
82	3/8-24UNF-3A	7/8	
83	3/8-24UNF-3A	1	
84	3/8-24UNF-3A	1-1/4	
85	1/2-13UNC-3A	1	
86	1/2-13UNC-3A	1-1/4	
87	1/2-13UNC-3A	1-1/2	
88	1/2-13UNC-3A	1-3/4	
89	5/8-11UNC-3A	1	
90	5/8-11UNC-3A	1-1/4	
91	5/8-11UNC-3A	1-1/2	
92	5/8-11UNC-3A	1-3/4	
93	2/56NC-3A	1/8	
94	2/56NC-3A	13/16	
95	4/40NC-3A	5/16	
96	4/40NC-3A	1-1/4	

DASH NO	THREAD	LENGTH	VENDOR PART NO.
97	1/4-20UNC-3A	3-1/2	38031-4C-56
98	2-56NC-3A	11/16	38031-92C-11
99	4-40NC-3A	7/8	38031-94C-14
100	4-40NC-3A	7/16	
101	10-32UNF-3A	1-1/8	
102	2-56NC-3A	9/16	
103	6-32NC-3A	5/16	
104	6-32UNC-3A	3/4	
105	8-32UNC-3A	1	

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL
HEAT TREATMENT
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MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.
DWG. NO. CONTRACT

DRAWN Ray Wheeler DATE 17 Dec 62
CHECKED H. Meyers 19 DEC '62
APPROVAL Jay Morton
APPROVAL D. Duggan 19 Dec 62
NASA APPROVAL W. O. Rhine 12-20-62
MIT APPROVAL W. Hughes 20 Dec

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

SCREW,
BUTTON HEAD, HEX SOCKET
SPECIFICATION CONTROL DRAWING

CODE IDENT NO. 80230 | SIZE C | NASA DRAWING NO. 1006783
SCALE NONE | WT | SHEET 2 OF 2

MASTER

1006783

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REVISIONS 02170

SYM	DESCRIPTION	DATE	APPROVED
-	CLASS B RELEASE PER TDRR		

NOTES:

1. GENERAL REQUIREMENTS:
   - A. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS CONTAINED IN ND 1015404, CLASS 3.
   - B. PACKAGES SHALL BE PERMANENTLY AND LEGIBLY MARKED, PER MIL-STD-129, WITH THE MANUFACTURER'S NAME AND/OR SYMBOL, ITEM NOMENCLATURE, NET CONTENTS, NASA DRAWING NUMBER AND REVISION LETTER, AND DATE OF MANUFACTURE.
   - C. THIS MATERIAL SHALL BE FURNISHED IN THE QUANTITIES SPECIFIED IN THE PURCHASE ORDER.
2. DESIGN REQUIREMENTS:
   - A. PHYSICAL PROPERTIES:
     - (1) COLOR: OPAQUE WHITE.
     - (2) CONSISTENCY: PASTE-LIKE; PENETRATION, WORKED, 280 TO 350, PER ASTM D217-52T.
     - (3) SPECIFIC GRAVITY: 2.70 MINIMUM.
     - (4) THERMAL CONDUCTIVITY: 0.0015 GRAM-CALORIES/SEC/ CM^2/°C/CM.
     - (5) BLEED: 1.5 PERCENT AFTER 24 HOURS AT 200°C WHEN TESTED USING EQUIPMENT PER MIL-I-8660.
     - (6) EVAPORATION: 1.5 PERCENT AFTER 24 HOURS AT 200°C WHEN TESTED USING EQUIPMENT PER MIL-I-8660.
   - B. OPERATING TEMPERATURE RANGE: -70°C TO +200°C.
   - C. SHELF LIFE: 1 YEAR MINIMUM AT TEMPERATURES UP TO 200°C WITHOUT DETERIORATION.

FOR INFORMATION ONLY

CLASS B RELEASE TDR No. 02170 DATE 1/24/63

ORIGINAL SOURCE OF SUPPLY

DOW CORNING CORP.
MIDLAND, MICH
PRO CODE IDENT NO. 71984
NU PART NUMBER DC 340

INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL: SEE NOTES
HEAT TREATMENT
FINAL FINISH

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

RAYTHEON CO
LEXINGTON, MASS.
CONTRACT NO. NAS 9-498

DRAWN [signature] DATE 18 June 63
CHECKED [signature] 19 June 63
APPROVAL [signature] 7/24/63
APPROVAL [signature] 7/15/63
APPROVAL [signature] 6/24/63
NASA APPROVAL [signature] 7/24/63
MIT APPROVAL [signature] 24 Jul 63
MIT APPROVAL [signature] 24 Jul 63

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

SILICONE COMPOUND, THERMOCONDUCTIVE

SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
—	C	1006879
SCALE NONE	WT	SHEET 1 OF 1

1006879

INCHES 0 1 2
PHOTOGRAPHIC SCALE ONLY

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REVISIONS 02170			
SYM	DESCRIPTION	DATE	APPROVED
-	CLASS B RELEASE PER TDRR 02170	7/24/63	
A	REVISED AND UPGRADED TO CLASS A PER TDRR 06149 DR R.J.D. Glavia CHK A. Caggiano APPD H. Maynard	3/10/64	W/L

NOTES:

1. GENERAL REQUIREMENTS:

   A. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS CONTAINED IN ND 1015404, CLASS 3.

   B. PACKAGES SHALL BE PERMANENTLY AND LEGIBLY MARKED, PER ND 1002019., WITH THE MANUFACTURER'S NAME AND/OR SYMBOL, ITEM NOMENCLATURE, NET CONTENTS, NASA DRAWING NUMBER AND REVISION LETTER, AND DATE OF MANUFACTURE.

   C. THIS MATERIAL SHALL BE FURNISHED IN THE QUANTITIES SPECIFIED IN THE PURCHASE ORDER.

2. DESIGN REQUIREMENTS:

   A. PHYSICAL PROPERTIES:

      (1) COLOR: OPAQUE WHITE.

      (2) CONSISTENCY: PASTE-LIKE; PENETRATION, WORKED, 260 TO 330, PER ASTM D217-52T.

      (3) SPECIFIC GRAVITY: 2.65 MINIMUM.

      (4) THERMAL CONDUCTIVITY: 0.0015 GRAM-CALORIES/SEC/ CM^2/°C/CM.

      (5) BLEED: LESS THAN 1.5 PERCENT AFTER 24 HOURS AT 200°C WHEN TESTED USING EQUIPMENT PER MIL-I-8660.

      (6) EVAPORATION: LESS THAN 1.5 PERCENT AFTER 24 HOURS AT 200°C WHEN TESTED USING EQUIPMENT PER MIL-I-8660.

   B. OPERATING TEMPERATURE RANGE: -70°C TO +200°C.

   C. SHELF LIFE: 1 YEAR MINIMUM AT TEMPERATURES UP TO 200°C WITHOUT DETERIORATION.

ORIGINAL SOURCE OF SUPPLY

DCL CODING CORP.

PURCHASE PER QUALIFICATION STATUS LIST ND 1002034

ND 1002034 FOR THIS DRAWING.

INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± DECIMALS ± ANGLES ±

DO NOT SCALE THIS DRAWING

MATERIAL
SEE NOTES

HEAT TREATMENT

FINAL FINISH

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

RAYTHEON CO.
LEXINGTON, MASS.

CONTRACT NO. NAS 9-498

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	Ray Wheeler	DATE 18 June 63 / 19 June 63
CHECKED	J. Gregan / H. Maynard	
APPROVAL		
APPROVAL		7/15/63
APPROVAL	L.E. Spotten	6/26/63
NASA APPROVAL		7/24/63
MIT APPROVAL		24 Jul 63
MIT APPROVAL		24 Jul 63

SILICONE COMPOUND, THERMOCONDUCTIVE

SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
	C	1006879

SCALE NONE WT SHEET 1 OF 1

INCHES
0 1 2
PHOTOGRAPHIC SCALE ONLY

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REVISIONS 02170

SYM	DESCRIPTION	DATE	APPROVED
-	CLASS B RELEASE PER TDRR 02170	7/24/63	
A	REVISED AND UPGRADED TO CLASS A PER TDRR 06149 DR R.J.D. Glenn CHK A. Cuppini APPD H. Maynard	3/19/64	W/C
B	CHANGED PER TDRR 11329	9/14/64	W/C
C	REPLACED BY REV D WITH CHANGE PER TDRR 17169	3-9-65	W/C

NOTES:

1. GENERAL REQUIREMENTS:
   - A. SUPPLIER SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS CONTAINED IN ND 1015404, CLASS 3.
   - B. UNIT PACKAGES AND SHIPPING CONTAINERS SHALL BE MARKED IN ACCORDANCE WITH MIL-STD-129 WITH THE MANUFACTURER'S NAME AND/OR SYMBOL, ITEM NOMENCLATURE, NET CONTENTS, NASA DRAWING NUMBER AND REVISION LETTER, AND DATE OF MANUFACTURE.
   - C. THIS MATERIAL SHALL BE FURNISHED IN THE QUANTITIES SPECIFIED IN THE PURCHASE ORDER.
2. DESIGN REQUIREMENTS:
   - A. PHYSICAL PROPERTIES:
     - (1) COLOR: OPAQUE WHITE.
     - (2) CONSISTENCY: PASTE-LIKE; PENETRATION, WORKED, 250TO320 PER ASTM D217-52T.
     - (3) SPECIFIC GRAVITY: 2.30MINIMUM.
     - (4) THERMAL CONDUCTIVITY: 0.0015 GRAM-CALORIES/SEC/ CM^2/°C/CM.
     - (5) BLFED: LESS THAN 0.5 PERCENT AFTER 24 HOURS AT 200°C WHEN TESTED USING EQUIPMENT PER MIL-I-8660.
     - (6) EVAPORATION: LESS THAN 1.0 PERCENT AFTER 24 HOURS AT 200°C WHEN TESTED USING EQUIPMENT PER MIL-I-8660.
   - B. OPERATING TEMPERATURE RANGE: -70°C TO +200°C.
   - C. SERVICE LIFE: 1 YEAR MINIMUM AT TEMPERATURES UP TO 200°C WITHOUT DETERIORATION.
   - D. SHELF LIFE: INDEFINITE IN CLOSED CONTAINERS AT ROOM AMBIENT TEMPERATURE

(C) REPLACED BY REV (D) WITH CHANGE

ORIGINAL SOURCE OF SUPPLY

DCA [illegible] CORP.
[illegible]

PURCHASE PER QUALIFICATION STATUS LIST ND 1002034
ND 1002034 FOR THIS DRAWING.

MASTER

INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL: SEE NOTES
HEAT TREATMENT
FINAL FINISH

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

RAYTHEON CO. LEXINGTON, MASS.
CONTRACT NO. NAS 9-498
DRAWN [signature] DATE 18 June '63
CHECKED [signature] 19 June '63
APPROVAL [signature]
APPROVAL [signature] 7/15/63
APPROVAL [signature] 6/20/63
NASA APPROVAL [signature] 7/24/63
MIT APPROVAL [signature] 7/24/63
MIT APPROVAL [signature] 7/24/63

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

SILICONE COMPOUND, THERMOCONDUCTIVE

SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
—	C	1006879

SCALE NONE WT SHEET 1 OF 1

NOTICE – WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

REVISIONS						
SYM	ZONE	DESCRIPTION	DR	CHK	DATE	APPROVED
	D	REPLACES REV C WITH CHANGES PER TDRR 17169			3-9-65	WK

REQUIREMENTS

1. GENERAL:

   A. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.

   B. SUPPLIER PROCESS AND QUALITY CONTROL INCLUDING FINAL TESTING SHALL BE IN ACCORDANCE WITH SPECIFICATION ND1015404, CLASS 3.

   C. EACH CONTAINER OF THE COMPOUND OR UNIT CARTON, IF PROCURED IN COLLAPSIBLE TUBES, SHALL BE PERMANENTLY AND LEGIBLY MARKED WITH THE MANUFACTURER'S NAME AND/OR SYMBOL, ITEM NAME, NASA DRAWING NUMBER AND REVISION LETTER, NET CONTENTS, LOT NUMBER AND DATE OF MANUFACTURER.

2. ACCEPTANCE AND INSPECTION:

   A. MATERIAL: THE COMPOUND SHALL BE A SILICONE OIL BLENDED TO A PASTE-LIKE CONSISTENCY WITH INORGANIC SILICA AND METAL OXIDES.

      (1) COLOR: OPAQUE WHITE

      (2) CONSISTENCY: WORKED AND MEASURED WITHIN ONE MINUTE AFTER WORKING PENETRATION 250 TO 320 WHEN TESTED PER ASTM D217.

      (3) SPECIFIC GRAVITY: 2.3 MINIMUM AT 77° ± 2°F.WHEN TESTED PER METHOD 4184 OF FED. STD. 141 OR EQUIVALENT.

      (4) THERMAL CONDUCTIVITY: 0.0015 gm/cal/sec/cm^2/C°/CM

      (5) BLEED: THE BLEED SHALL BE 0.5% MAXIMUM AND THE EVAPORATION SHALL BE 1.0% MAXIMUM WHEN TESTED PER METHOD 321.1 OF FED. STD 791 OR EQUIVALENT EXCEPT THAT:

         (a) THE CONE SHALL BE SUSPENDED FROM A ROD SUPPORTED ON THE EDGE OF THE BEAKER, WITHOUT COVERING THE BEAKER.

         (b) THE OVEN SHALL BE MAINTAINED AT 200° ± 5°C.

         (c) THE TEST TIME SHALL BE 24 HOURS AT 200°C WHEN TESTED USING EQUIPMENT PER MIL-I-8660.

      (6) EVAPORATION: LESS THAN 1.0% AFTER 24 HOURS AT 200°C WHEN TESTED USING EQUIPMENT PER MIL-I-8660.

3. DESIGN:

   A. OPERATING TEMPERATURE RANGE: -70°C TO +200°C.

   B. SERVICE LIFE: 1 YEAR MINIMUM OF TEMPERATURE UP TO 200°C WITHOUT DETERIORATION.

   C. SHELF LIFE: THE MATERIAL SHALL HAVE NOT LESS THAN ONE YEAR SHELF LIFE REMAINING WHEN RECEIVED BY THE PURCHASER AND STORED BELOW 100°F IN UNOPENED CONTAINER.

   D. INTENDED USE: THIS MATERIAL IS INTENDED FOR USE IN INCREASING HEAT TRANSFER BETWEEN MATING SURFACES. A TYPICAL THERMAL CONDUCTIVITY FOR THIS MATERIAL IS 0.0010 GRAM-CALORIES /SEC/CM^2/°C/CM

   AS AN ELECTRICAL INSULATOR, THE VOLUME RESISTIVITY IS 2.5 X 10^{15} OHM-CM (TYPICAL)

(D) REPLACES REV (C) WITH CHANGE

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

MASTER

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± — ± — ± —
DO NOT SCALE THIS DRAWING

MATERIAL —

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

DRAWN	A. Martz	3-4-65
CHECKED	W. Simpson	3-4-65
APPROVED	[signature]	4 Mar 65
APPROVED		
APPROVED MIT	[signature]	9 Mar 65
APPROVED MSC	[signature]	3 Mar 65

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

SILICONE COMPOUND
THERMOCONDUCTIVE

SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	DRAWING NO.
—	C	1006879

SCALE NONE — SHEET 1 OF 1

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

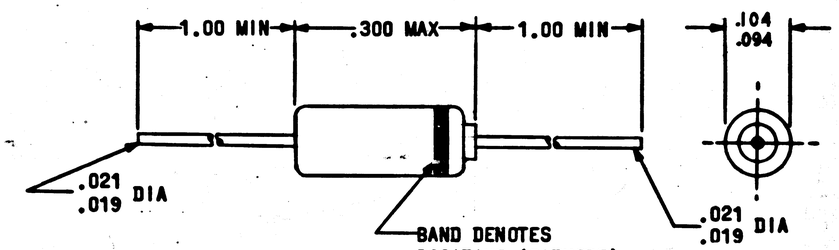
5188001

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
—	INITIAL RELEASE CLASS A PER TDRR 23029	10-5-65	

REQUIREMENTS:

1. GENERAL:
   A. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.
   B. UNITS SHALL BE CAPABLE OF MEETING ALL QUALIFICATION REQUIREMENTS SPECIFIED IN ND 1002054.
   C. SUPPLIERS SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS SPECIFIED IN ND 1015404, CLASS 2.
   D. PRESERVATION, PACKAGING, PACKING AND CONTAINER MARKING: TO BE IN ACCORDANCE WITH ND 1002215, CLASS I CODE 2.

2. INSPECTION AND ACCEPTANCE:
   A. MECHANICAL REQUIREMENTS:
      (1) LEAD DATA:
         (a) ANODE: DUMET PER ND 1015401
         (b) CATHODE: DUMET PER ND 1015401
         (c) THE LEADS SHALL NOT CONTAIN KINKS AND BENDS WHOSE AMPLITUDES EXCEED 1/2 OF THE RADIUS OF THE LEAD OVER A NODE TO NODE DISTANCE OF 1/8 INCH OR LESS. THE LEADS SHALL FALL FREELY IN A TUBE WITH AN ID EQUAL TO 1-1/2 TIMES THE LEAD DIAMETER AND A MINIMUM TUBE LENGTH EQUAL TO THE LEAD LENGTH. SEE FIG. A.
         (d) THE FINISH OF THE LEADS SHALL BE FREE OF FOREIGN MATERIAL IN THE AREA 1/16 INCH MAX FROM THE DEVICE BODY TO WITHIN 1/8 INCH OF THE LEAD END. FOREIGN MATERIAL SHALL MEAN ANY MATERIAL NOT COMMON TO THE LEAD FINISH WHICH WOULD REDUCE WELDABILITY AND SOLDERABILITY. THE END OF THE DEVICE BODY IS DEFINED AS THE END OF THE SLUG ON THE CATHODE END AND THE END OF THE GLASS BODY ON THE ANODE END.
         (e) CERTIFICATE OF COMPLIANCE WITH THIS REQUIREMENT SHALL ACCOMPANY EACH SHIPMENT.
      (2) MARKING: THE MANUFACTURER'S NAME, TRADEMARK, OR CODE, THE NASA DRAWING NUMBER, (WHICH SHALL CONSIST OF AT LEAST THE LAST THREE DIGITS), DASH NUMBER, AND DATE CODE SHALL BE PERMANENTLY AND LEGIBLY MARKED ON THE PART PER ND 1002019. THE CATHODE END OF THE PART SHALL BE IDENTIFIED WITH A COLOR BAND. MANUFACTURER'S PART NUMBER MAY APPEAR ON THE PART AND PACKAGE.
   B. ELECTRICAL SPECIFICATION: PER TABLE II
      (1) ZENER VOLTAGE (V_Z AT I_{ZT})
      (2) ZENER IMPEDANCE (Z_{ZT})
      (3) REVERSE CURRENT (IR) AT 25°C





GRAPHICAL SYMBOL

MASTER

PROCURE ONLY FROM APPROVED SOURCES LISTED ON ND 1002034 FOR THIS DRAWING.

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS ± ——— DECIMALS ± ——— ANGLES ± —
DO NOT SCALE THIS DRAWING
MATERIAL: SEE REQUIREMENTS
HEAT TREATMENT: NONE
FINAL FINISH: SEE REQUIREMENTS

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DRWG. NO. Contract NAS 9-497
DRAWN J. Arroyo DATE 3 AUG 65
CHECKED Ed Foster 4 AUG 65
APPROVAL
APPROVAL C. Baldwin Field 8-4-65
NOT REQUIRED PER LETTER NASA PP7-65-613
MIT APPROVAL W. Hoyt Ellis 5 Aug 65

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

SEMICONDUCTOR DEVICE, DIODE
(VOLTAGE REGULATOR, SILICON, AXIAL LEAD, GLASS BODY)
SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
80230	C	1008815
SCALE NONE	WT	SHEET 1 OF 4

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

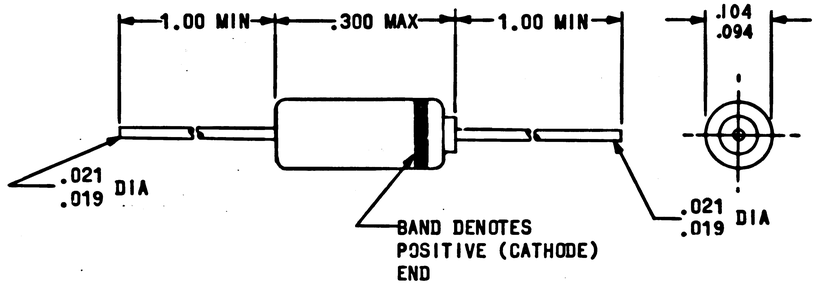
A	5188001

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
—	INITIAL RELEASE CLASS A PER TDRR 23029	10-5-65	
A	REVISED PER TDRR 24188	1-7-66	WK

REQUIREMENTS:

1. GENERAL:
   - A. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.
   - B. UNITS SHALL BE CAPABLE OF MEETING ALL QUALIFICATION REQUIREMENTS SPECIFIED IN ND 1002054.
   - C. SUPPLIERS SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS SPECIFIED IN ND 1015404, CLASS 2.
   - D. PRESERVATION, PACKAGING, PACKING AND CONTAINER MARKING: TO BE IN ACCORDANCE WITH ND 1002215, CLASS I CODE 2.

2. INSPECTION AND ACCEPTANCE:
   - A. MECHANICAL REQUIREMENTS:
     - (1) LEAD DATA:
       - (a) ANODE: DUMET PER ND 1015401
       - (b) CATHODE: DUMET PER ND 1015401
       - (c) THE LEADS SHALL NOT CONTAIN KINKS AND BENDS WHOSE AMPLITUDES EXCEED 1/2 OF THE RADIUS OF THE LEAD OVER A NODE TO NODE DISTANCE OF 1/8 INCH OR LESS. THE LEADS SHALL FALL FREELY IN A TUBE WITH AN ID EQUAL TO 1-1/2 TIMES THE LEAD DIAMETER AND A MINIMUM TUBE LENGTH EQUAL TO THE LEAD LENGTH. SEE FIG. A.
       - (d) THE FINISH OF THE LEADS SHALL BE FREE OF FOREIGN MATERIAL IN THE AREA 1/16 INCH MAX FROM THE DEVICE BODY TO WITHIN 1/8 INCH OF THE LEAD END. FOREIGN MATERIAL SHALL MEAN ANY MATERIAL NOT COMMON TO THE LEAD FINISH WHICH WOULD REDUCE WELDABILITY AND SOLDERABILITY. THE END OF THE DEVICE BODY IS DEFINED AS THE END OF THE SLUG ON THE CATHODE END AND THE END OF THE GLASS BODY ON THE ANODE END.
       - (e) CERTIFICATE OF COMPLIANCE WITH THIS REQUIREMENT SHALL ACCOMPANY EACH SHIPMENT.
     - (2) MARKING: THE MANUFACTURER'S NAME, TRADEMARK, OR CODE, THE NASA DRAWING NUMBER, (WHICH SHALL CONSIST OF AT LEAST THE LAST THREE DIGITS), DASH NUMBER, AND DATE CODE SHALL BE PERMANENTLY AND LEGIBLY MARKED ON THE PART PER ND 1002019. THE CATHODE END OF THE PART SHALL BE IDENTIFIED WITH A COLOR BAND. MANUFACTURER'S PART NUMBER MAY APPEAR ON THE PART AND PACKAGE.
   - B. ELECTRICAL SPECIFICATION: PER TABLE II
     - (1) ZENER VOLTAGE (V_Z AT I_{ZT})
     - (2) ZENER IMPEDANCE (Z_{ZT})
     - (3) REVERSE CURRENT (IR) AT 25°C



GRAPHICAL SYMBOL

PROCURE ONLY FROM APPROVED SOURCES LISTED ON ND 1002034 FOR THIS DRAWING.

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± —— DECIMALS ± —— ANGLES ± —
DO NOT SCALE THIS DRAWING
MATERIAL: SEE REQUIREMENTS
HEAT TREATMENT: NONE
FINAL FINISH: SEE REQUIREMENTS

LIST OF MATERIALS

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS. DWG. NO. Contract NAS 9-497

DRAWN L. Arroyo DATE 3 AUG 65
CHECKED Ed Foster 4 AUG 65
APPROVAL
APPROVAL C. Bolling Gold 10-4-65
NASA APPROVAL NASA PP7-65-6-12
MIT APPROVAL

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

SEMICONDUCTOR DEVICE, DIODE
(VOLTAGE REGULATOR, SILICON,
AXIAL LEAD, GLASS BODY)
SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
80230	C	1008815

SCALE NONE | WT | SHEET 1 OF 5

1008815 A

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

B 1008815

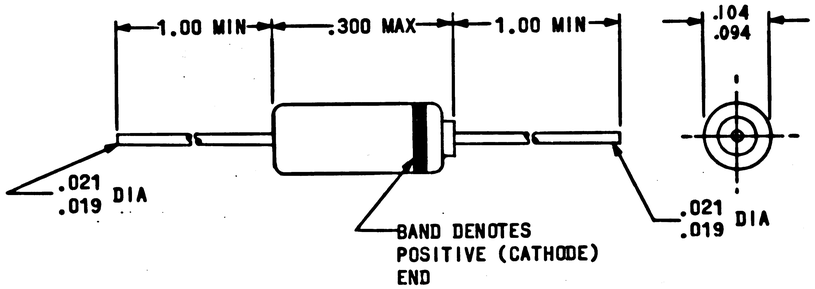
SYM	DESCRIPTION	DATE	APPROVAL
—	INITIAL RELEASE CLASS A PER TDRR 23029	10-5-65	
(N) A	REVISED PER TDRR 24188	12/1/65	WK
B	REVISED PER TDRR 24271	12/15/65	WK

REVISIONS

REQUIREMENTS:

1. GENERAL:
   A. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.
   B. UNITS SHALL BE CAPABLE OF MEETING ALL QUALIFICATION REQUIREMENTS SPECIFIED IN ND 1002054.
   C. SUPPLIERS SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS SPECIFIED IN ND 1015404, CLASS 2.
   D. PRESERVATION, PACKAGING, PACKING AND CONTAINER MARKING: TO BE IN ACCORDANCE WITH ND 1002215, CLASS I CODE 2.

2. INSPECTION AND ACCEPTANCE:
   A. MECHANICAL REQUIREMENTS:
      (1) LEAD DATA:
         (a) ANODE: DUMET PER ND 1015401
         (b) CATHODE: DUMET PER ND 1015401
         (c) THE LEADS SHALL NOT CONTAIN KINKS AND BENDS WHOSE AMPLITUDES EXCEED 1/2 OF THE RADIUS OF THE LEAD OVER A NODE TO NODE DISTANCE OF 1/8 INCH OR LESS. THE LEADS SHALL FALL FREELY IN A TUBE WITH AN ID EQUAL TO 1-1/2 TIMES THE LEAD DIAMETER AND A MINIMUM TUBE LENGTH EQUAL TO THE LEAD LENGTH. SEE FIG. A.
         (d) THE FINISH OF THE LEADS SHALL BE FREE OF FOREIGN MATERIAL IN THE AREA 1/16 INCH MAX FROM THE DEVICE BODY TO WITHIN 1/8 INCH OF THE LEAD END. FOREIGN MATERIAL SHALL MEAN ANY MATERIAL NOT COMMON TO THE LEAD FINISH WHICH WOULD REDUCE WELDABILITY AND SOLDERABILITY. THE END OF THE DEVICE BODY IS DEFINED AS THE END OF THE SLUG ON THE CATHODE END AND THE END OF THE GLASS BODY ON THE ANODE END.
         (e) CERTIFICATE OF COMPLIANCE WITH THIS REQUIREMENT SHALL ACCOMPANY EACH SHIPMENT.
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   B. ELECTRICAL SPECIFICATION: PER TABLE II
      (1) ZENER VOLTAGE (V_Z AT I_{ZT})
      (2) ZENER IMPEDANCE (Z_{ZT})
      (3) REVERSE CURRENT (IR) AT 25°C



GRAPHICAL SYMBOL

PROCURE ONLY FROM APPROVED SOURCES LISTED ON ND 1002034 FOR THIS DRAWING.

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS ± —— DECIMALS ± —— ANGLES ± —
DO NOT SCALE THIS DRAWING
MATERIAL: SEE REQUIREMENTS
HEAT TREATMENT: NONE
FINAL FINISH: SEE REQUIREMENTS

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS. DWG. NO. Contract NAS 9-497
DRAWN J. Dumyx DATE 3 AUG 65
CHECKED Ed Foote 4 AUG 65
APPROVAL
APPROVAL C. Bolingfield 10-4-65
NASA APPROVAL D. FRASIER NASA PP7-65-614
MIT APPROVAL W. Hoffman

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

SEMICONDUCTOR DEVICE, DIODE (VOLTAGE REGULATOR, SILICON, AXIAL LEAD, GLASS BODY)

SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
80230	C	1008815

SCALE NONE WT SHEET 1 OF 5

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

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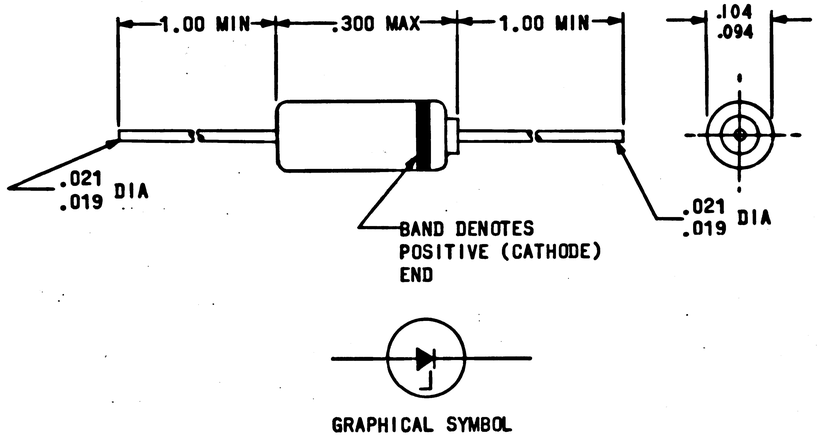
C 1008815

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
—	INITIAL RELEASE CLASS A PER TDRR 23029	10-5-65	
A	REVISED PER TDRR 24188	12/1/65	WK
B	REVISED PER TDRR 24271	12/9/65	WK
C	REVISED PER TDRR 24936	4/6/66	WK

REQUIREMENTS:

1. GENERAL:
   A. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.
   B. UNITS SHALL BE CAPABLE OF MEETING ALL QUALIFICATION REQUIREMENTS SPECIFIED IN ND 1002054.
   C. SUPPLIERS SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS SPECIFIED IN ND 1015404, CLASS 2.
   D. PRESERVATION, PACKAGING, PACKING AND CONTAINER MARKING: TO BE IN ACCORDANCE WITH ND 1002215, CLASS I CODE 2.

2. INSPECTION AND ACCEPTANCE:
   A. MECHANICAL REQUIREMENTS:
      (1) LEAD DATA:
         (a) ANODE: DUMET PER ND 1015401
         (b) CATHODE: DUMET PER ND 1015401
         (c) THE LEADS SHALL NOT CONTAIN KINKS AND BENDS WHOSE AMPLITUDES EXCEED 1/2 OF THE RADIUS OF THE LEAD OVER A NODE TO NODE DISTANCE OF 1/8 INCH OR LESS. THE LEADS SHALL FALL FREELY IN A TUBE WITH AN ID EQUAL TO 1-1/2 TIMES THE LEAD DIAMETER AND A MINIMUM TUBE LENGTH EQUAL TO THE LEAD LENGTH. SEE FIG. A.
         (d) THE FINISH OF THE LEADS SHALL BE FREE OF FOREIGN MATERIAL IN THE AREA 1/16 INCH MAX FROM THE DEVICE BODY TO WITHIN 1/8 INCH OF THE LEAD END. FOREIGN MATERIAL SHALL MEAN ANY MATERIAL NOT COMMON TO THE LEAD FINISH WHICH WOULD REDUCE WELDABILITY AND SOLDERABILITY. THE END OF THE DEVICE BODY IS DEFINED AS THE END OF THE SLUG ON THE CATHODE END AND THE END OF THE GLASS BODY ON THE ANODE END.
         (e) CERTIFICATE OF COMPLIANCE WITH THIS REQUIREMENT SHALL ACCOMPANY EACH SHIPMENT.
      (2) MARKING: THE MANUFACTURER'S NAME, TRADEMARK, OR CODE, THE NASA DRAWING NUMBER, (WHICH SHALL CONSIST OF AT LEAST THE LAST THREE DIGITS), DASH NUMBER, DATE CODE: AND SERIAL NUMBER SHALL BE PERMANENTLY AND LEGIBLY MARKED ON THE PART PER ND 1002019. THE CATHODE END OF THE PART SHALL BE IDENTIFIED WITH A COLOR BAND. MANUFACTURER'S PART NUMBER MAY APPEAR ON THE PART AND PACKAGE.
   B. ELECTRICAL SPECIFICATION: PER TABLE II
      (1) ZENER VOLTAGE (V_Z AT I_{ZT})
      (2) ZENER IMPEDANCE (Z_{ZT})
      (3) REVERSE CURRENT (I_R) AT 25°C



GRAPHICAL SYMBOL

PROCURE ONLY FROM APPROVED SOURCES LISTED ON ND 1002034 FOR THIS DRAWING.

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS			

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL: SEE REQUIREMENTS
HEAT TREATMENT: NONE
FINAL FINISH: SEE REQUIREMENTS

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS. DWG. NO. Contract NAS 9-497
DRAWN S. Arroyo DATE 3 AUG 65
CHECKED Ed Foster 4 AUG 65
APPROVAL
APPROVAL C Bidwell 10-4-65
NASA APPROVAL D. FRIEDER NASA PP7-65-614
MIT APPROVAL W K Saffle

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

SEMICONDUCTOR DEVICE, DIODE (VOLTAGE REGULATOR, SILICON, AXIAL LEAD, GLASS BODY)
SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
80230	C	1008815

SCALE NONE | WT | SHEET 1 OF 5

1008815 C

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

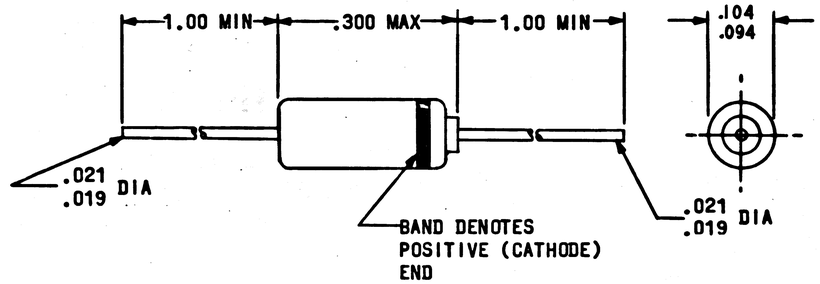
D 1008815

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
—	INITIAL RELEASE CLASS A PER TDRR 23029	10-5-65	
A	REVISED PER TDRR 24188	12/7/65	WK
B	REVISED PER TDRR 24271	12/21/65	WK
C	REVISED PER TDRR 24936	4/5/66	WK.
D	REVISED RER TDRR 28327	8/3/66	WK.

REQUIREMENTS:

1. GENERAL:
   - A. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.
   - B. UNITS SHALL BE CAPABLE OF MEETING ALL QUALIFICATION REQUIREMENTS SPECIFIED IN ND 1002054.
   - C. SUPPLIERS SHALL CONFORM TO THE QUALITY ASSURANCE PROVISIONS SPECIFIED IN ND 1015404, CLASS 2.
   - D. PRESERVATION, PACKAGING, PACKING AND CONTAINER MARKING: TO BE IN ACCORDANCE WITH ND 1002215, CLASS I CODE 2.

2. INSPECTION AND ACCEPTANCE:
   - A. MECHANICAL REQUIREMENTS:
     - (1) LEAD DATA:
       - (a) ANODE: DUMET PER ND 1015401
       - (b) CATHODE: DUMET PER ND 1015401
       - (c) THE LEADS SHALL NOT CONTAIN KINKS AND BENDS WHOSE AMPLITUDES EXCEED 1/2 OF THE RADIUS OF THE LEAD OVER A NODE TO NODE DISTANCE OF 1/8 INCH OR LESS. THE LEADS SHALL FALL FREELY IN A TUBE WITH AN ID EQUAL TO 1-1/2 TIMES THE LEAD DIAMETER AND A MINIMUM TUBE LENGTH EQUAL TO THE LEAD LENGTH. SEE FIG. A.
       - (d) THE FINISH OF THE LEADS SHALL BE FREE OF FOREIGN MATERIAL IN THE AREA 1/16 INCH MAX FROM THE DEVICE BODY TO WITHIN 1/8 INCH OF THE LEAD END. FOREIGN MATERIAL SHALL MEAN ANY MATERIAL NOT COMMON TO THE LEAD FINISH WHICH WOULD REDUCE WELDABILITY AND SOLDERABILITY. THE END OF THE DEVICE BODY IS DEFINED AS THE END OF THE SLUG ON THE CATHODE END AND THE END OF THE GLASS BODY ON THE ANODE END.
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   - B. ELECTRICAL SPECIFICATION: PER TABLE II
     - (1) ZENER VOLTAGE (V_Z AT I_{ZT})
     - (2) ZENER IMPEDANCE (Z_{ZT})
     - (3) REVERSE CURRENT (IR) AT 25°C



GRAPHICAL SYMBOL

MASTER

PROCURE ONLY FROM APPROVED SOURCES LISTED ON ND 1002034 FOR THIS DRAWING.

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± —— DECIMALS ± —— ANGLES ± —
DO NOT SCALE THIS DRAWING
MATERIAL: SEE REQUIREMENTS
HEAT TREATMENT: NONE
FINAL FINISH: SEE REQUIREMENTS

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS. PROJ. NO. Contract NAS 9-497

DRAWN L. Arroyo DATE 5 AUG 65
CHECKED Ed Foster 4 AUG 65
APPROVAL
APPROVAL C. Bedingfield 10-4-65
NASA APPROVAL ~~NASA PP7-65-619~~ U PER LETTER
MIT APPROVAL W. Gruffydd for Tobey

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

SEMICONDUCTOR DEVICE, DIODE
(VOLTAGE REGULATOR, SILICON,
AXIAL LEAD, GLASS BODY)
SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
80230	C	1008815

SCALE NONE WT SHEET 1 OF 5

1008815 D

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
–	INITIAL RELEASE CLASS A PER TDRR 23029	10-5-65	

REQUIREMENTS: (CONTINUED)

3. DESIGN:
   A. ELECTRICAL SPECIFICATIONS: PER TABLE II.
   B. MAXIMUM RATINGS: PER TABLE I.
   C. STORAGE TEMPERATURE: -65°C TO +175°C.
   D. SURGE CURRENT: 5 X I_{ZM} (TABLE I), 5 SURGES AT 1 MINUTE INTERVALS OF 8.3M SEC DURATION SUPERIMPOSED ON I_{ZT} (TABLE II).
   E. THERMAL RESISTANCE (JUNCTION TO AMBIENT AIR WITH CLIPS 1/2 INCH FROM BODY OF DIODE IN STILL FREE AIR): .375°C/MW MAX.
   F. POWER DISSIPATION: 400 MILLIWATTS MAX, DERATE 2.67 MW/°C ABOVE 25°C AMBIENT.
   G. PARTS MUST BE CAPABLE OF MEETING A MINIMUM OF 100 MEGOHMS RESISTANCE FROM LEADS TO BODY.

4. SPECIAL CONDITIONING BY SUPPLIER:
   A. ALL UNITS SHALL HAVE SUCCESSFULLY PASSED THE FOLLOWING SCREENING TESTS PERFORMED DURING THE TIME INTERVAL BETWEEN FINAL SEAL AND THE 240 HOUR BURN-IN:
      (1) MONITORED VARIABLE FREQUENCY VIBRATION AT A CONSTANT PEAK ACCELERATION OF 20 G MINIMUM OVER 100-2,000 CPS PER MIL-STD-750, METHOD 2056 WITH FORCE APPLIED PERPENDICULAR TO THE MAIN AXIS. MONITOR DURING TESTING FOR OPENS AND SHORTS USING A MINIMUM INTERMITTENCY CAPABILITY OF 5 μ SECONDS. ALSO MONITOR FOR SIGNIFICANT ELECTRICAL PARAMETER CHANGES.
      (2) HERMETIC SEAL PER MIL-STD-202, METHOD 112, TEST CONDITION C, PROCEDURE III WITH GROSS LEAK PER TEST CONDITION A. A LEAK RATE OF 1 X 10^{-8} CC-ATM/SEC OR GREATER SHALL CONSTITUTE A FAILURE.
   B. BURN-IN: UNITS SHALL BE BURNED-IN FOR 240 HOURS AT THE FOLLOWING CONDITIONS.
      (1) AMBIENT TEMPERATURE: 100°C ± 5°C.
      (2) POWER DISSIPATION: 100 ± 10 MILLIWATTS (DIODE IN VOLTAGE BREAKDOWN CONDITION)
      (3) MOUNTING: BY CLIPS 1/2 ± 1/16 INCH FROM DIODE BODY.
   C. THE MANUFACTURER SHALL DETERMINE AND RECORD THE FOLLOWING ELECTRICAL CHARACTERISTICS PRIOR TO AND FOLLOWING BURN-IN:
      (1) ZENER VOLTAGE AT I_{ZT}.
      (2) ZENER IMPEDANCE AT I_{ZT}.
      (3) REVERSE LEAKAGE CURRENT AT 25°C.
   D. THE DATA SHALL BE PRESENTED IN A MANNER THAT PROVIDES POSITIVE IDENTIFICATION OF EACH INDIVIDUAL DIODE WITH THE INITIAL TEST READING, THE FINAL READING AND THE PERCENT CHANGE BETWEEN THE FINAL AND INITIAL READING. THE TEST DATA SUBMITTED SHALL ALSO IDENTIFY PARTS THAT FAIL TO MEET THE SPECIFIED REQUIREMENTS. UNITS FAILING TO MEET INITIAL DRAWING REQUIREMENTS OR WHICH EXCEED THE SPECIFIED LIMITS FOR PARAMETRIC CHANGES FOLLOWING BURN-IN SHALL NOT BE ACCEPTABLE.
      (1) PARAMETRIC CHANGE LIMITS:
         (a) ZENER VOLTAGE: ±3% OF INITIAL VALUE.
         (b) ZENER IMPEDANCE: ±15% OF INITIAL VALUE.
         (c) REVERSE LEAKAGE CURRENT: 5 X INITIAL VALUE OR 1 μA WHICHEVER IS GREATER.
   E. INSPECTION OF SEMICONDUCTORS: PER ND 1002220.
   F. A CERTIFICATE OF COMPLIANCE FOR THESE INSPECTION REQUIREMENTS SHALL BE INCLUDED FOR EACH SHIPMENT.

MASTER

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± —— DECIMALS ± —— ANGLES ± —
DO NOT SCALE THIS DRAWING
MATERIAL
HEAT TREATMENT
FINAL FINISH

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS. DWG. NO. NAS 9-497 CONTRACT

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN S. Arroyo 3 AUG 65 DATE
CHECKED Ed Foster 4 AUG 65
APPROVAL
APPROVAL R Bolmgfeld 10-4-65

SEMICONDUCTOR DEVICE, DIODE (VOLTAGE REGULATOR, SILICON, AXIAL LEAD, GLASS BODY)

SPECIFICATION CONTROL DRAWING

NASA APPROVAL NOT REQUIRED PER LETTER NASA PP7-65-612
MIT APPROVAL

CODE IDENT NO.	SIZE	NASA DRAWING NO.
80230	C	1008815

SCALE —— WT SHEET 2 OF 4

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS, OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION, OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
–	INITIAL RELEASE CLASS A PER TDRR 23029	10-5-65	
A	REVISED PER TDRR 24188	12/7/65	

REQUIREMENTS: (CONTINUED)

3. DESIGN:
   - A. ELECTRICAL SPECIFICATIONS: PER TABLE II.
   - B. MAXIMUM RATINGS: PER TABLE I.
   - C. STORAGE TEMPERATURE: -65°C TO +175°C.
   - D. SURGE CURRENT: 5 X I_{ZM} (TABLE I), 5 SURGES AT 1 MINUTE INTERVALS OF 8.3M SEC DURATION SUPERIMPOSED ON I_{ZT} (TABLE II).
   - E. THERMAL RESISTANCE (JUNCTION TO AMBIENT AIR WITH CLIPS 1/2 INCH FROM BODY OF DIODE IN STILL FREE AIR): .375°C/MW MAX.
   - F. POWER DISSIPATION: 400 MILLIWATTS MAX, DERATE 2.67 MW/°C ABOVE 25°C AMBIENT.
   - G. PARTS MUST BE CAPABLE OF MEETING A MINIMUM OF 100 MEGOHMS RESISTANCE FROM LEADS TO BODY.

4. SPECIAL CONDITIONING BY SUPPLIER:
   - A. ALL UNITS SHALL HAVE SUCCESSFULLY PASSED THE FOLLOWING SCREENING TESTS PERFORMED DURING THE TIME INTERVAL BETWEEN FINAL SEAL AND THE 240 HOUR BURN-IN:
     - (1) MONITORED VARIABLE FREQUENCY VIBRATION AT A CONSTANT PEAK ACCELERATION OF 20 G MINIMUM OVER 100-2,000 CPS PER MIL-STD-750, METHOD 2056 WITH FORCE APPLIED PERPENDICULAR TO THE MAIN AXIS. MONITOR DURING TESTING FOR OPENS AND SHORTS USING A MINIMUM INTERMITTENCY CAPABILITY OF 5 μ SECONDS. ALSO MONITOR FOR SIGNIFICANT ELECTRICAL PARAMETER CHANGES.
     - (2) HERMETIC SEAL PER MIL-STD-202, METHOD 112, TEST CONDITION C, PROCEDURE III WITH GROSS LEAK PER TEST CONDITION A. A LEAK RATE OF 1 X 10^{-8} CC-ATM/SEC OR GREATER SHALL CONSTITUTE A FAILURE.
   - B. BURN-IN: UNITS SHALL BE BURNED-IN FOR 240 HOURS AT THE FOLLOWING CONDITIONS.
     - (1) AMBIENT TEMPERATURE: 100°C ± 5°C.
     - (2) POWER DISSIPATION: 100 ± 10 MILLIWATTS (DIODE IN VOLTAGE BREAKDOWN CONDITION)
     - (3) MOUNTING: BY CLIPS 1/2 ± 1/16 INCH FROM DIODE BODY.
   - C. THE MANUFACTURER SHALL DETERMINE AND RECORD THE FOLLOWING ELECTRICAL CHARACTERISTICS PRIOR TO AND FOLLOWING BURN-IN:
     - (1) ZENER VOLTAGE AT I_{ZT}.
     - (2) ZENER IMPEDANCE AT I_{ZT}.
     - (3) REVERSE LEAKAGE CURRENT AT 25°C.
   - D. THE DATA SHALL BE PRESENTED IN A MANNER THAT PROVIDES POSITIVE IDENTIFICATION OF EACH INDIVIDUAL DIODE WITH THE INITIAL TEST READING, THE FINAL READING AND THE PERCENT CHANGE BETWEEN THE FINAL AND INITIAL READING. THE TEST DATA SUBMITTED SHALL ALSO IDENTIFY PARTS THAT FAIL TO MEET THE SPECIFIED REQUIREMENTS. UNITS FAILING TO MEET INITIAL DRAWING REQUIREMENTS OR WHICH EXCEED THE SPECIFIED LIMITS FOR PARAMETRIC CHANGES FOLLOWING BURN-IN SHALL NOT BE ACCEPTABLE.
     - (1) PARAMETRIC CHANGE LIMITS:
       - (a) ZENER VOLTAGE: ±3% OF INITIAL VALUE.
       - (b) ZENER IMPEDANCE: ±15% OF INITIAL VALUE.
       - (c) REVERSE LEAKAGE CURRENT: 5 X INITIAL VALUE OR 1 μA WHICHEVER IS GREATER.
   - E. INSPECTION OF SEMICONDUCTORS: PER ND 1002220.
   - F. A CERTIFICATE OF COMPLIANCE FOR THESE INSPECTION REQUIREMENTS SHALL BE INCLUDED FOR EACH SHIPMENT.

NEXT ASSY	USED ON
APPLICATION	

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DO NOT SCALE THIS DRAWING
MATERIAL
HEAT TREATMENT
FINAL FINISH

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS. DWG. NO. NAS 9-497 CONTRACT

DRAWN S. Arroyo DATE 3 AUG 65
CHECKED Ed Foster 4 AUG 65
APPROVAL
APPROVAL R. C. Schmafeld 10-4-65

NASA APPROVAL NOT REQUIRED PER LETTER NASA PP7-65-617
MIT APPROVAL W. Hyfer Stats

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

SEMICONDUCTOR DEVICE, DIODE (VOLTAGE REGULATOR, SILICON, AXIAL LEAD, GLASS BODY)
SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
80230	C	1008815

SCALE —— WT SHEET 2 OF 5

E. M.

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
-	INITIAL RELEASE CLASS A PER TDRR 23029	10-5-65	
A	REVISED PER TDRR 24188	12/7/65	
B	REVISED PER TDRR 24271	12/21/65	

REQUIREMENTS: (CONTINUED)

3. DESIGN:
   A. ELECTRICAL SPECIFICATIONS: PER TABLE II.
   B. MAXIMUM RATINGS: PER TABLE I.
   C. STORAGE TEMPERATURE: -65°C TO +175°C.
   D. SURGE CURRENT: 5 X I_{ZM} (TABLE I), 5 SURGES AT 1 MINUTE INTERVALS OF 8.3M SEC DURATION SUPERIMPOSED ON I_{ZT} (TABLE II).
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   F. POWER DISSIPATION: 400 MILLIWATTS MAX, DERATE 2.67 MW/°C ABOVE 25°C AMBIENT.
   G. PARTS MUST BE CAPABLE OF MEETING A MINIMUM OF 100 MEGOHMS RESISTANCE FROM LEADS TO BODY.

4. SPECIAL CONDITIONING BY SUPPLIER:
   A. ALL UNITS SHALL HAVE SUCCESSFULLY PASSED THE FOLLOWING SCREENING TESTS PERFORMED DURING THE TIME INTERVAL BETWEEN FINAL SEAL AND THE 240 HOUR BURN-IN:
      (1) MONITORED VARIABLE FREQUENCY VIBRATION AT A CONSTANT PEAK ACCELERATION OF 20 G MINIMUM OVER 100-2,000 CPS PER MIL-STD-750, METHOD 2056 WITH FORCE APPLIED PERPENDICULAR TO THE MAIN AXIS. OR MONITORED SHOCK PER MIL-STD-750, METHOD 2021.1 WITH A MINIMUM OF 5 BLOWS IN A DIRECTION PERPENDICULAR TO THE MAJOR AXIS AT A MINIMUM OF 3KG PEAK ACCELERATION. MONITOR DURING TESTING FOR OPENS AND SHORTS USING A MINIMUM INTERMITTENCY CAPABILITY OF 5 μ SECONDS. ALSO MONITOR FOR SIGNIFICANT ELECTRICAL PARAMETER CHANGES.

      (2) HERMETIC SEAL PER MIL-STD-202, METHOD 112, TEST CONDITION C, PROCEDURE III WITH GROSS LEAK PER TEST CONDITION A. A LEAK RATE OF 1 X 10^{-8} CC-ATM/SEC OR GREATER SHALL CONSTITUTE A FAILURE.
   B. BURN-IN: UNITS SHALL BE BURNED-IN FOR 240 HOURS AT THE FOLLOWING CONDITIONS.
      (1) AMBIENT TEMPERATURE: 100°C ± 5°C.
      (2) POWER DISSIPATION: 100 ± 10 MILLIWATTS (DIODE IN VOLTAGE BREAKDOWN CONDITION)
      (3) MOUNTING: BY CLIPS 7/16 ± 3/32 INCH FROM DIODE BODY.
   C. THE MANUFACTURER SHALL DETERMINE AND RECORD THE FOLLOWING ELECTRICAL CHARACTERISTICS PRIOR TO AND FOLLOWING BURN-IN:
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      (1) PARAMETRIC CHANGE LIMITS:
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         (b) ZENER IMPEDANCE: ±15% OF INITIAL VALUE, OR 1 OHM, WHICHEVER IS GREATER.
         (c) REVERSE LEAKAGE CURRENT: 5 X INITIAL VALUE OR 1μA WHICHEVER IS GREATER.
   E. INSPECTION OF SEMICONDUCTORS: PER ND 1002220.
   F. A CERTIFICATE OF COMPLIANCE FOR THESE INSPECTION REQUIREMENTS SHALL BE INCLUDED FOR EACH SHIPMENT.

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS ± ——— DECIMALS ± ——— ANGLES ± ———
DO NOT SCALE THIS DRAWING
MATERIAL
HEAT TREATMENT
FINAL FINISH

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS. DWG NO. — CONTRACT NAS 9-497

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN S. Amyx DATE 3 AUG 65
CHECKED Ed Foster 4 AUG 65
APPROVAL
APPROVAL R Bohmfalk 10-4-65

SEMICONDUCTOR DEVICE, DIODE (VOLTAGE REGULATOR, SILICON, AXIAL LEAD, GLASS BODY)
SPECIFICATION CONTROL DRAWING

NASA APPROVAL NOT REQUIRED PER LETTER NASA PP7-65-617
MIT APPROVAL W Snyder 5 Oct 65

CODE IDENT NO.	SIZE	NASA DRAWING NO.
80230	C	1008815

SCALE ——— WT SHEET 2 OF 5.

E. F.

1008815

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY, NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS, OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN any WAY BE RELATED THERETO.

C 1008815

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
-	INITIAL RELEASE CLASS A PER TDRR 23029	10-5-65	
A	REVISED PER TDRR 24188	12/7/65	
B	REVISED PER TDRR 24271	12/21/65	
C	REVISED PER TDRR 24936	4 Jan 66	

REQUIREMENTS: (CONTINUED)

3. DESIGN:
   A. ELECTRICAL SPECIFICATIONS: PER TABLE II.
   B. MAXIMUM RATINGS: PER TABLE I.
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   D. SURGE CURRENT: 5 X I_{ZM} (TABLE I), 5 SURGES AT 1 MINUTE INTERVALS OF 8.3M SEC DURATION SUPERIMPOSED ON I_{ZT} (TABLE II).
   E. THERMAL RESISTANCE (JUNCTION TO AMBIENT AIR WITH CLIPS 1/2 INCH FROM BODY OF DIODE IN STILL FREE AIR): .375°C/MW MAX.
   F. POWER DISSIPATION: 400 MILLIWATTS MAX, DERATE 2.67 MW/°C ABOVE 25°C AMBIENT.
   G. PARTS MUST BE CAPABLE OF MEETING A MINIMUM OF 100 MEGOHMS RESISTANCE FROM LEADS TO BODY.

4. SPECIAL CONDITIONING BY SUPPLIER:
   A. ALL UNITS SHALL HAVE SUCCESSFULLY PASSED THE FOLLOWING SCREENING TESTS PERFORMED DURING THE TIME INTERVAL BETWEEN FINAL SEAL AND THE 240 HOUR BURN-IN:
      (1) MONITORED VARIABLE FREQUENCY VIBRATION AT A CONSTANT PEAK ACCELERATION OF 20 G MINIMUM OVER 100-2,000 CPS PER MIL-STD-750, METHOD 2056 WITH FORCE APPLIED PERPENDICULAR TO THE MAIN AXIS. OR MONITORED SHOCK PER MIL-STD-750, METHOD 2021.1 WITH A MINIMUM OF 5 BLOWS IN A DIRECTION PERPENDICULAR TO THE MAJOR AXIS AT A MINIMUM OF 3KG PEAK ACCELERATION. MONITOR DURING TESTING FOR OPENS AND SHORTS USING A MINIMUM INTERMITTENCY CAPABILITY OF 5 μ SECONDS. ALSO MONITOR FOR SIGNIFICANT ELECTRICAL PARAMETER CHANGES.

      (2) HERMETIC SEAL PER MIL-STD-202, METHOD 112, TEST CONDITION C, PROCEDURE III WITH GROSS LEAK PER TEST CONDITION A. A LEAK RATE OF 1 X 10^{-8} CC-ATM/SEC OR GREATER SHALL CONSTITUTE A FAILURE.
   B. BURN-IN: UNITS SHALL BE BURNED-IN FOR 240 HOURS AT THE FOLLOWING CONDITIONS.
      (1) AMBIENT TEMPERATURE: 100°C ± 5°C.
      (2) POWER DISSIPATION: 100 ± 10 MILLIWATTS (DIODE IN VOLTAGE BREAKDOWN CONDITION)
      (3) MOUNTING: BY CLIPS 7/16 ± 3/32 INCH FROM DIODE BODY.
   C. THE MANUFACTURER SHALL DETERMINE AND RECORD THE FOLLOWING ELECTRICAL CHARACTERISTICS PRIOR TO AND FOLLOWING BURN-IN:
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NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL
HEAT TREATMENT
FINAL FINISH

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS. DWG. NO. NAS 9-497 CONTRACT

DRAWN J. Amyx 3 AUG 65 DATE
CHECKED Ed Foster 4 AUG 65
APPROVAL
APPROVAL C Bolmgfield 10-4-65

NASA APPROVED PER LETTER NASA PP7-65-612
MIT APPROVAL W Mayer 5 Oct

MANNED SPACECRAFT CENTER
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SEMICONDUCTOR DEVICE, DIODE (VOLTAGE REGULATOR, SILICON, AXIAL LEAD, GLASS BODY)
SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
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SCALE — WT SHEET 2 OF 5.

E. F.

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

D 5188001

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
–	INITIAL RELEASE CLASS A PER TDRR 23029	10-5-65	
A	REVISED PER TDRR 24188	12/7/65	
B	REVISED PER TDRR 24271	12/21/65	
C	REVISED PER TDRR 24936	4/4/66	
D	REVISED PER TDRR 28327	5/3/66	

REQUIREMENTS: (CONTINUED)

3. DESIGN:
   - A. ELECTRICAL SPECIFICATIONS: PER TABLE II.
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   - C. STORAGE TEMPERATURE: -65°C TO +175°C.
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   - F. A CERTIFICATE OF COMPLIANCE FOR THESE INSPECTION REQUIREMENTS SHALL BE INCLUDED FOR EACH SHIPMENT.

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MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS. DWG. NO. CONTRACT NAS 9-497

DRAWN S. Amyx DATE 3 AUG 65
CHECKED Ed Foster 4 AUG 65
APPROVAL
APPROVAL R C Bellmyfield 10-4-65

NOT REQUIRED PER LETTER NASA PP7-65-612
NASA APPROVAL
MIT APPROVAL W Smyfe, Stats

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

SEMICONDUCTOR DEVICE, DIODE (VOLTAGE REGULATOR, SILICON, AXIAL LEAD, GLASS BODY)
SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
80230	C	1008815

SCALE — WT SHEET 2 OF 5.

E. F.

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

1008815

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
-	INITIAL RELEASE CLASS A PER TDRR 23029	10-5-65	

TABLE I

DASH NUMBER	MAXIMUM RATINGS AT AMBIENT TEMPERATURE 25°C: ZENER CURRENT (I_{ZM}) MADC	POWER DISSIPATION (P) MW	JUNCTION TEMPERATURE (T_J) °C	EIA TYPE DESIGNATION (FOR REF ONLY)
-1	58	400	175	1N957B
-2	53			1N958B
-3	48			1N959B
-4	44			1N960B
-5	40			1N961B
-6	35			1N962B
-7	32			1N963B
-8	30			1N964B
-9	26			1N965B
-10	25			1N966B
-11	21			1N967B
-12	19			1N968B
-13	17			1N969B
-14	16			1N970B
-15	14			1N971B
-16	13			1N972B
-17	12			1N973B
-18	11			1N974B
-19	9.1			1N975B
-20	8.8			1N976B
-21	7.9			1N977B
-22	7.4			1N978B
-23	6.9			1N979B
-24	6.0			1N980B
-25	26			.4M1.5Z2
-26	16			
-27	15	400	175	
-28	14	400	175	1N971
-29	75	400	175	1N751

NOTES:

1. ALL SPECIFICATIONS (EXCEPT FORWARD VOLTAGE DROP) ARE BASED ON A DC CURRENT FLOW THRU THE DIODE IN SUCH A DIRECTION THAT THE CATHODE IS POSITIVE WITH RESPECT TO THE ANODE.
2. ZENER IMPEDANCE IS MEASURED BY SUPERIMPOSING A 60 CYCLE AC CURRENT ON THE DC TEST CURRENT. THE MAGNITUDE OF THE AC CURRENT SHALL BE 10% OF THE DC LEVEL. ($Z_Z = \frac{E(AC)}{I(AC)}$)
3. VOLTAGE REGULATION IS DETERMINED BY NOTING THE VALUE OF BREAKDOWN VOLTAGE AFTER 90 SEC (MINIMUM) AT 10% I_{ZM}, THEN INCREASING CURRENT TO 90% I_{ZM} AND NOTING VALUE OF BREAKDOWN VOLTAGE AFTER 90 SECONDS (MINIMUM). THE DIFFERENCE IN MEASURED VOLTAGE IS ΔV_Z. DURING THIS TEST THE DIODE SHALL BE SUSPENDED BY ITS LEADS A MINIMUM OF 1/2 INCH FROM THE BODY OF THE DIODE IN A STILL AIR AMBIENT OF 25°C.

THE PART NUMBER IS THE DRAWING NUMBER PLUS THE APPLICABLE DASH NUMBER.

MASTER

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL
HEAT TREATMENT
FINAL FINISH

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS. Contract NAS 9-497

DRAWN L. Dougy DATE 3 AUG 65
CHECKED Ed Foster 4 Aug 65
APPROVAL
APPROVAL C Bedingfield 4/Aug/65
NOT REQUIRED PER LETTER
NASA APPROVAL NASA PP7-55-612
MIT APPROVAL W Soffer 5 Aug 65

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

SEMICONDUCTOR DEVICE, DIODE (VOLTAGE REGULATOR, SILICON, AXIAL LEAD, GLASS BODY)

SPECIFICATION CONTROL DRAWING

CODE IDENT NO. 80230 | SIZE C | NASA DRAWING NO. 1008815

SCALE — | WT | SHEET 3 OF 4

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

SYM	REVISIONS DESCRIPTION	DATE	APPROVAL
-	INITIAL RELEASE CLASS A PER TDRR 23029	10-5-65	
A	REVISED PER TDRR 24188	12/7/65	WK

∆ 5188001

TABLE I

DASH NUMBER	MAXIMUM RATINGS AT AMBIENT TEMPERATURE 25°C: ZENER CURRENT (I_{ZM}) MADC	POWER DISSIPATION (P) MW	JUNCTION TEMPERATURE (T_J) °C	EIA TYPE DESIGNATION (FOR REF ONLY)
-1	58	400	175	1N957B
-2	53			1N958B
-3	48			1N959B
-4	44			1N960B
-5	40			1N961B
-6	35			1N962B
-7	32			1N963B
-8	30			1N964B
-9	26			1N965B
-10	25			1N966B
-11	21			1N967B
-12	19			1N968B
-13	17			1N969B
-14	16			1N970B
-15	14			1N971B
-16	13			1N972B
-17	12			1N973B
-18	11			1N974B
-19	9.1			1N975B
-20	8.8			1N976B
-21	7.9			1N977B
-22	7.4			1N978B
-23	6.9			1N979B
-24	6.0			1N980B
-25	26			.4M11.5Z2
-26	16			
-27	15	400	175	
-28	14	400	175	1N971
-29	75	400	175	1N751
-30	5.5	400	175	1N981B
-31	5.1	400	175	1N982B
-32	4.6	400	175	1N983B
-33	4.2	400	175	1N984B
-34	3.7	400	175	1N985B
-35	3.3	400	175	1N986B
-36	3.1	400	175	1N987B
-37	2.7	400	175	1N988B
-38	2.4	400	175	1N989B
-39	2.2	400	175	1N990B
-40	2.0	400	175	1N991B
-41	1.8	400	175	1N992B
-42	120	400	175	1N746A
-43	110	400	175	1N747A
-44	100	400	175	1N748A
-45	90	400	175	1N749A
-46	85	400	175	1N750A
-47	75	400	175	1N751A
-48	70	400	175	1N752A
-49	65	400	175	1N753A

NOTES:

1. ALL SPECIFICATIONS (EXCEPT FORWARD VOLTAGE DROP) ARE BASED ON A DC CURRENT FLOW THRU THE DIODE IN SUCH A DIRECTION THAT THE CATHODE IS POSITIVE WITH RESPECT TO THE ANODE.
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3. VOLTAGE REGULATION IS DETERMINED BY NOTING THE VALUE OF BREAKDOWN VOLTAGE AFTER 90 SEC (MINIMUM) AT 10% I_{ZM}, THEN INCREASING CURRENT TO 90% I_{ZM} AND NOTING VALUE OF BREAKDOWN VOLTAGE AFTER 90 SECONDS (MINIMUM). THE DIFFERENCE IN MEASURED VOLTAGE IS ΔV_Z. DURING THIS TEST THE DIODE SHALL BE SUSPENDED BY ITS LEADS A MINIMUM OF 1/2 INCH FROM THE BODY OF THE DIODE IN A STILL AIR AMBIENT OF 25°C.
4. VOLTAGE REGULATION IS DETERMINED BY NOTING THE VALUE OF BREAKDOWN VOLTAGE AFTER 90 SEC. (MINIMUM) AT 10% I_{ZT}, THEN INCREASING CURRENT TO 100% I_{ZT} AND NOTING THE VALUE OF BREAKDOWN VOLTAGE AFTER 90 SEC. (MINIMUM). THE DIFFERENCE IN MEASURED VOLTAGE IS ΔV_Z DURING THIS TEST, THE DIODE SHALL BE MOUNTED AS SPECIFIED IN NOTE 3.

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS ± ——— DECIMALS ± ——— ANGLES ± —
DO NOT SCALE THIS DRAWING
MATERIAL
HEAT TREATMENT
FINAL FINISH

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS
SPEC. NO. Contract NAS 9-497
DRAWN L. Longo DATE 3 AUG 65
CHECKED Ed Foster 4 Aug 65
APPROVAL
APPROVAL C Bolongfield 10/4/65
NOT REQUIRED PER LETTER
NASA APPROVAL NASA PPT 55-642
MIT APPROVAL W Jeffs 10/6/65

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

SEMICONDUCTOR DEVICE, DIODE
(VOLTAGE REGULATOR, SILICON, AXIAL LEAD, GLASS BODY)

SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
80230	C	1008815

SCALE ——— WT SHEET 3 OF 5

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER, AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

B 1008815

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
-	INITIAL RELEASE CLASS A PER TDRR 23029	10-5-65	
A	REVISED PER TDRR 24188	12/7/65	WK
B	REVISED PER TDRR 24271	12/21/65	WK

TABLE I

DASH NUMBER	MAXIMUM RATINGS AT AMBIENT TEMPERATURE 25°C: ZENER CURRENT (I_{ZM}) MADC	POWER DISSIPATION (P) MW	JUNCTION TEMPERATURE (T_J) °C	EIA TYPE DESIGNATION (FOR REF ONLY)
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-13	17			1N969B
-14	16			1N970B
-15	14			1N971B
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-17	12			1N973B
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-24	6.0			1N980B
-25	26			.4M11.5Z2
-26	16			.4M24Z2
-27	15	400	175	.4M26Z2
-28	14	400	175	.4M27Z2
-29	75	400	175	1N751
-30	5.5	400	175	1N981B
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-44	100	400	175	1N748A
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LIST OF MATERIALS

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± —— DECIMALS ± —— ANGLES ± —
DO NOT SCALE THIS DRAWING
MATERIAL
HEAT TREATMENT
FINAL FINISH

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS. DWG. NO. Contract NAS 9-497

DRAWN L. Conroy DATE 3 AUG 65
CHECKED Ed Foster 4 AUG 65
APPROVAL
APPROVAL C Bolongfield 12/6/65
NOT REQUIRED PER LETTER
NASA APPROVAL NASA PT-SC-62
MIT APPROVAL W Jaffe 12/6/65

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

SEMICONDUCTOR DEVICE, DIODE
(VOLTAGE REGULATOR, SILICON, AXIAL LEAD, GLASS BODY)

SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
80230	C	1008815

SCALE —— WT —— SHEET 3 OF 5

1008815 B

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C 5188001

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
-	INITIAL RELEASE CLASS A PER TDRR 23029	10-5-65	
A	REVISED PER TDRR 24188	12/7/65	WK
B	REVISED PER TDRR 24271	12/21/65	ETS WK
C	REVISED PER TDRR 24936	4 Jan 66	WK

TABLE I

DASH NUMBER	MAXIMUM RATINGS AT AMBIENT TEMPERATURE 25°C: ZENER CURRENT (I_{ZM}) MADC	POWER DISSIPATION (P) MW	JUNCTION TEMPERATURE (T_J) °C	EIA TYPE DESIGNATION (FOR REF ONLY)
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-24	6.0			1N980B
-25	26			.4M11Z2
-26	16			.4M24Z2
-27	15	400	175	.4M26Z2
-28	14	400	175	.4M27Z2
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-44	100	400	175	1N748A
-45	90	400	175	1N749A
-46	85	400	175	1N750A
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QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± ± ±
DO NOT SCALE THIS DRAWING
MATERIAL
HEAT TREATMENT
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MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS
DSG. NO. Contract NAS 9-497
DRAWN L. Dorey DATE 3 AUG 65
CHECKED Ed Foster 4 Aug 65
APPROVAL
APPROVAL C Budenfeld 4/Aug 65
NOT REQUIRED PER LETTER
NASA APPROVAL
NASA FF7-05-62
MIT APPROVAL W Jaffe 5 Aug 1965

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

SEMICONDUCTOR DEVICE, DIODE
(VOLTAGE REGULATOR, SILICON,
AXIAL LEAD, GLASS BODY)

SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
80230	C	1008815

SCALE —— WT SHEET 3 OF 5

1008815 C

NOTICE — WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS, OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

D 1008815

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
–	INITIAL RELEASE CLASS A PER TDRR 23029	10-5-65	
A	REVISED PER TDRR 24188	12/7/65	WK
B	REVISED PER TDRR 24271	12/21/65	WK
C	REVISED PER TDRR 24936	4/[illegible]/66	WK
D	REVISED PER TDRR 28327	8/3/66	WK

TABLE I

DASH NUMBER	MAXIMUM RATINGS AT AMBIENT TEMPERATURE 25°C: ZENER CURRENT (I_{ZM}) MADC	POWER DISSIPATION (P) MW	JUNCTION TEMPERATURE (T_J) °C	EIA TYPE DESIGNATION (FOR REF ONLY)
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-48	70	400	175	1N752A
-49	65	400	175	1N753A
-50	14	400	175	.4M27Z2

NOTES:

1. ALL SPECIFICATIONS (EXCEPT FORWARD VOLTAGE DROP) ARE BASED ON A DC CURRENT FLOW THRU THE DIODE IN SUCH A DIRECTION THAT THE CATHODE IS POSITIVE WITH RESPECT TO THE ANODE.
2. ZENER IMPEDANCE IS MEASURED BY SUPERIMPOSING A 60 CYCLE AC CURRENT ON THE DC TEST CURRENT. THE MAGNITUDE OF THE AC CURRENT SHALL BE 10% OF THE DC LEVEL. ($Z_Z = \frac{E(AC)}{I(AC)}$)
3. VOLTAGE REGULATION IS DETERMINED BY NOTING THE VALUE OF BREAKDOWN VOLTAGE AFTER 90 SEC (MINIMUM) AT 10% I_{ZM}, THEN INCREASING CURRENT TO 50% I_{ZM} AND NOTING VALUE OF BREAKDOWN VOLTAGE AFTER 90 SECONDS (MINIMUM). THE DIFFERENCE IN MEASURED VOLTAGE IS ΔV_Z. DURING THIS TEST THE DIODE SHALL BE SUSPENDED BY ITS LEADS A MINIMUM OF 1/2 INCH FROM THE BODY OF THE DIODE IN AN AMBIENT OF 25°C.
4. VOLTAGE REGULATION IS DETERMINED BY NOTING THE VALUE OF BREAKDOWN VOLTAGE AFTER 90 SEC. (MINIMUM) AT 10% I_{ZT}, THEN INCREASING CURRENT TO 100% I_{ZT} AND NOTING THE VALUE OF BREAKDOWN VOLTAGE AFTER 90 SEC. (MINIMUM). THE DIFFERENCE IN MEASURED VOLTAGE IS ΔV_Z. DURING THIS TEST, THE DIODE SHALL BE MOUNTED AS SPECIFIED IN NOTE 3.

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS ± ——— DECIMALS ± ——— ANGLES ± —
DO NOT SCALE THIS DRAWING
MATERIAL
HEAT TREATMENT
FINAL FINISH

LIST OF MATERIALS

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS. DWG. NO Contract NAS 9-497
MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN J. Denys DATE 3 AUG 65
CHECKED Ed Foster 4 AUG 65
APPROVAL
APPROVAL C Bedingfield 4/4/65
NOT REQUIRED PER LETTER
NASA APPROVAL NASA PPT 55-62
MIT APPROVAL W Jaffe 5 Oct 65

SEMICONDUCTOR DEVICE, DIODE (VOLTAGE REGULATOR, SILICON, AXIAL LEAD, GLASS BODY)
SPECIFICATION CONTROL DRAWING

CODE IDENT NO. 80230 | SIZE C | NASA DRAWING NO. 1008815
SCALE ——— | WT | SHEET 3 OF 5

1008815 D

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1008815

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
–	INITIAL RELEASE CLASS A PER TDRR 23029	10-5-65	

TABLE II

ELECTRICAL CHARACTERISTICS AT AMBIENT TEMPERATURE = 25°C (UNLESS OTHERWISE SPECIFIED) (SEE NOTE 1)

DASH NUMBER	ZENER VOLTAGE (V_Z) VDC AT I_{ZT}	ZENER TEST CURRENT (I_{ZT}) MADC	ZENER TEST CURRENT (I_{ZK}) MADC	MAXIMUM ZENER IMPEDANCE (SEE NOTE 2) (Z_{ZT}) AT I_{ZT} OHMS	MAXIMUM ZENER IMPEDANCE (SEE NOTE 2) (Z_{ZK}) AT I_{ZK} OHMS	MAXIMUM REVERSE CURRENT (I_R) AT 25°C UA DC	MAXIMUM REVERSE CURRENT (I_R) AT 100°C UA DC	MAXIMUM REVERSE CURRENT AT VOLTS DC	VOLTAGE REGULATION (SEE NOTE 3) 10% I_{ZM} TO 50% I_{ZM} (MADC)	VOLTAGE REGULATION (SEE NOTE 3) MAX ΔV_Z VDC	MAXIMUM FORWARD VOLTAGE DROP AT 200 MA DC VDC	MINIMUM BREAKDOWN VOLTAGE AT I_{ZK} VDC	MAXIMUM TEMPERATURE COEFFICIENT AT I_{ZT} (25°C TO 125°C) %/°C
-1	6.8±5%	18.5	1.0	4.5	700	150	300	5.2	5.8 -29	.25	1.5	6.2	.057
-2	7.5±5%	16.5	0.5	5.5		75	150	5.7	5.3 -26.5	.30		7.1	.061
-3	8.2±5%	15.0	0.5	6.5		50	120	6.2	4.8 -24.0	.35		7.6	.065
-4	9.1±5%	14.0	0.5	7.5		25	75	6.9	4.4 -22.0	.40		8.7	.068
-5	10 ±5%	12.5	0.25	8.5		2	30	7.6	4.0 -20.0	.45		9.0	.071
-6	11 ±5%	11.5		9.5				8.4	3.5 -17.5	.50		10.0	.073
-7	12 ±5%	10.5		11.5				9.1	3.2 -16.0	.55		10.5	.076
-8	13 ±5%	9.5		13.0				9.9	3.0 -15.0	.60		11.5	.079
-9	15 ±5%	8.5		16.0				11.0	2.6 -13.0	.70		13.0	.082
-10	16 ±5%	7.8		17.0	700			12.0	2.5 -12.5	.75		14.0	.083
-11	18 ±5%	7.0		21	750			14.0	2.1 -10.5	.85		16.0	.085
-12	20 ±5%	6.2		25	750			15.0	1.9 - 9.5	.95		18.0	.086
-13	22 ±5%	5.6		29	750			17.0	1.7 - 8.5	1.05		19.0	.087
-14	24 ±5%	5.2		33	750			18.0	1.6 - 8.0	1.15		21.0	.088
-15	27 ±5%	4.6		41	750			21.0	1.4 - 7.0	1.30		24.0	.090
-16	30 ±5%	4.2		49	1000			23.0	1.3 - 6.5	1.45		27.0	.091
-17	33 ±5%	3.8		58	1000			25.0	1.2 - 6.0	1.60		30.0	.092
-18	36 ±5%	3.4		70	1000			27.0	1.1 - 5.5	1.75		32.5	.093
-19	39 ±5%	3.2		80	1000			30.0	.91- 4.55	1.90		35.0	.094
-20	43 ±5%	3.0		93	1500			33.0	.88- 4.4	2.10		39.0	.095
-21	47 ±5%	2.7		105	1500			36.0	.79- 3.95	2.25		43.0	.095
-22	51 ±5%	2.5		125	1500			39.0	.74- 3.70	2.50		47.0	.096
-23	56 ±5%	2.2		150	2000			43.0	.69- 3.45	2.70		52.5	.096
-24	62 ±5%	2.0		185	2000			47.0	.60- 3.0	2.90		57.5	.097
-25	11.5±2%	10.5		10.5	700			8.7	3.5 -17.5	.50		10.25	.076
-26	24 ±2%	5.1		33	750			18.0	1.6 - 8.0	1.15		21.0	.088
-27	26 ±2%	4.7	0.25	41	750	2	30	20.0	1.4 - 7.0	1.30	1.5		
-28	27 ±2%	4.6	0.25	41	750	2	30	21.0	1.4 - 7.0	1.30	1.5	24.0	.090
-29	5.1 ±5%	20	0.25	14	1200	5	50	2.0	7.5 -37.5	.80	1.5	3.4	±.030

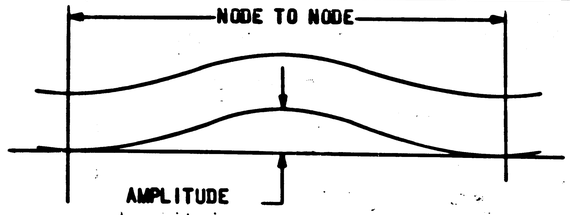


FIGURE A

MASTER

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS			

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
±—— ±—— ±—
DO NOT SCALE THIS DRAWING
MATERIAL
HEAT TREATMENT
FINAL FINISH

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.
DWG. NO. Contract NAS 9-497

DRAWN S. Arroyo DATE 3 AUG 65
CHECKED Ed Foster 4 AUG 65
APPROVAL
APPROVAL R. Baldwin

NOT APPROVED PER LETTER
NASA APPROVAL NASA PP7-65-672
MIT APPROVAL W. Hoffman

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

SEMICONDUCTOR DEVICE, DIODE
(VOLTAGE REGULATOR, SILICON,
AXIAL LEAD, GLASS BODY)

SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
80230	C	1008815

SCALE —— WT SHEET 4 OF 4

1008815

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∀ 1008815

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
–	INITIAL RELEASE CLASS A PER TDRR 23029	10-5-65	
A	REVISED PER TDRR 24188	12/7/65	WIL

TABLE II

ELECTRICAL CHARACTERISTICS AT AMBIENT TEMPERATURE = 25°C (UNLESS OTHERWISE SPECIFIED) (SEE NOTE 1)

DASH NUMBER	ZENER VOLTAGE (V_Z) VDC AT I_{ZT}	ZENER TEST CURRENT (I_{ZT}) MADC	ZENER TEST CURRENT (I_{ZK}) MADC	MAXIMUM ZENER IMPEDANCE (SEE NOTE 2) (Z_{ZT}) AT I_{ZT} OHMS	MAXIMUM ZENER IMPEDANCE (SEE NOTE 2) (Z_{ZK}) AT I_{ZK} OHMS	MAXIMUM REVERSE CURRENT (I_R) AT 25°C UA DC	MAXIMUM REVERSE CURRENT (I_R) AT 100°C UA DC	AT VOLTS DC	VOLTAGE REGULATION (SEE NOTE 3) 10% I_{ZM} TO 50% I_{ZM} (MA_{DC})	VOLTAGE REGULATION (SEE NOTE 3) MAX ΔV_Z VDC	MAXIMUM FORWARD VOLTAGE DROP AT 200 MA DC VDC	MINIMUM BREAKDOWN VOLTAGE AT I_{ZK} VDC	MAXIMUM TEMPERATURE COEFFICIENT AT I_{ZT} (25°C TO 125°C) %/°C
-1	6.8±5%	18.5	1.0	4.5	700	150	300	5.2	5.8 -29	.25	1.5	6.2	.057
-2	7.5±5%	16.5	0.5	5.5		75	150	5.7	5.3 -26.5	.30		7.1	.061
-3	8.2±5%	15.0	0.5	6.5		50	120	6.2	4.8 -24.0	.35		7.6	.065
-4	9.1±5%	14.0	0.5	7.5		25	75	6.9	4.4 -22.0	.40		8.7	.068
-5	10 ±5%	12.5	0.25	8.5		2	30	7.6	4.0 -20.0	.45		9.0	.071
-6	11 ±5%	11.5		9.5				8.4	3.5 -17.5	.50		10.0	.073
-7	12 ±5%	10.5		11.5				9.1	3.2 -16.0	.55		10.5	.076
-8	13 ±5%	9.5		13.0				9.9	3.0 -15.0	.60		11.5	.079
-9	15 ±5%	8.5		16.0				11.0	2.6 -13.0	.70		13.0	.082
-10	16 ±5%	7.8		17.0	700			12.0	2.5 -12.5	.75		14.0	.083
-11	18 ±5%	7.0		21	750			14.0	2.1 -10.5	.85		16.0	.085
-12	20 ±5%	6.2		25	750			15.0	1.9 - 9.5	.95		18.0	.086
-13	22 ±5%	5.6		29	750			17.0	1.7 - 8.5	1.05		19.0	.087
-14	24 ±5%	5.2		33	750			18.0	1.6 - 8.0	1.15		21.0	.088
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-16	30 ±5%	4.2		49	1000			23.0	1.3 - 6.5	1.45		27.0	.091
-17	33 ±5%	3.8		58	1000			25.0	1.2 - 6.0	1.60		30.0	.092
-18	36 ±5%	3.4		70	1000			27.0	1.1 - 5.5	1.75		32.5	.093
-19	39 ±5%	3.2		80	1000			30.0	.91- 4.55	1.90		35.0	.094
-20	43 ±5%	3.0		93	1500			33.0	.88- 4.4	2.10		39.0	.095
-21	47 ±5%	2.7		105	1500			36.0	.79- 3.95	2.25		43.0	.095
-22	51 ±5%	2.5		125	1500			39.0	.74- 3.70	2.50		47.0	.096
-23	56 ±5%	2.2		150	2000			43.0	.69- 3.45	2.70		52.5	.096
-24	62 ±5%	2.0		185	2000			47.0	.60- 3.0	2.90		57.5	.097
-25	11.5±2%	10.5		10.5	700			8.7	3.5 -17.5	.50		10.25	.076
-26	24 ±2%	5.1		33	750			18.0	1.6 - 8.0	1.15		21.0	.088
-27	26 ±2%	4.7	0.25	41	750	2	30	20.0	1.4 - 7.0	1.30	1.5		
-28	27 ±2%	4.6	0.25	41	750	2	30	21.0	1.4 - 7.0	1.30	1.5	24.0	.090
-29	5.1 ±5%	20	0.25	14	1200	5	50	2.0	7.5 -37.5	.80	1.5	3.4	±.030

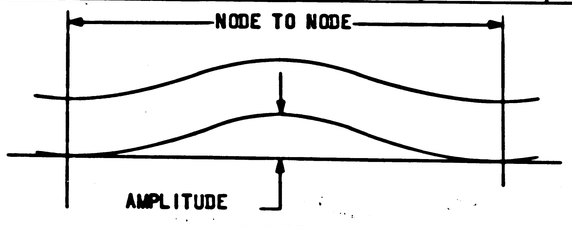


FIGURE A

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL
HEAT TREATMENT
FINAL FINISH

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS. Contract NAS 9-497
DRAWN S. Amyx DATE 3 AUG 65
CHECKED Ed Foster 4 AUG 65
APPROVAL
APPROVAL R C Redington Jr 4 Aug 65
NASA APPROVAL
MIT APPROVAL W Hoffman 5 Aug 65

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

SEMICONDUCTOR DEVICE, DIODE
(VOLTAGE REGULATOR, SILICON,
AXIAL LEAD, GLASS BODY)

SPECIFICATION CONTROL DRAWING

CODE IDENT NO. 80230 | SIZE C | NASA DRAWING NO. 1008815
SCALE — | WT | SHEET 4 OF 5

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REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
–	INITIAL RELEASE CLASS A PER TDRR 23029	10-5-65	
(N) A	REVISED PER TDRR 24188	12/7/65	WLC
B	REVISED PER TDRR 24271	12/21/65	RTT WLC

TABLE II

ELECTRICAL CHARACTERISTICS AT AMBIENT TEMPERATURE = 25°C (UNLESS OTHERWISE SPECIFIED) (SEE NOTE 1)

DASH NUMBER	ZENER VOLTAGE (V_Z) VDC AT I_{ZT}	ZENER TEST CURRENT (I_{ZT}) MADC	ZENER TEST CURRENT (I_{ZK}) MADC	MAXIMUM ZENER IMPEDANCE (SEE NOTE 2) (Z_{ZT}) AT I_{ZT} OHMS	MAXIMUM ZENER IMPEDANCE (SEE NOTE 2) (Z_{ZK}) AT I_{ZK} OHMS	MAXIMUM REVERSE CURRENT (I_R) AT 25°C UA DC	MAXIMUM REVERSE CURRENT (I_R) AT 100°C UA DC	AT VOLTS DC	VOLTAGE REGULATION (SEE NOTE 3) 10% I_{ZM} TO 50% I_{ZM} (MADC)	VOLTAGE REGULATION (SEE NOTE 3) MAX ΔV_Z VDC	MAXIMUM FORWARD VOLTAGE DROP AT 200 MA DC VDC	MINIMUM BREAKDOWN VOLTAGE AT I_{ZK} VDC	MAXIMUM TEMPERATURE COEFFICIENT AT I_{ZT} (25°C TO 125°C) %/°C
-1	6.8±5%	18.5	1.0	4.5	700	150	300	5.2	5.8 -29	.25	1.5	6.2	.057
-2	7.5±5%	16.5	0.5	5.5		75	150	5.7	5.3 -26.5	.30		7.1	.061
-3	8.2±5%	15.0	0.5	6.5		50	120	6.2	4.8 -24.0	.35		7.6	.065
-4	9.1±5%	14.0	0.5	7.5		25	75	6.9	4.4 -22.0	.40		8.7	.068
-5	10 ±5%	12.5	0.25	8.5		2	30	7.6	4.0 -20.0	.45		9.0	.071
-6	11 ±5%	11.5		9.5				8.4	3.5 -17.5	.50		10.0	.073
-7	12 ±5%	10.5		11.5				9.1	3.2 -16.0	.55		10.5	.076
-8	13 ±5%	9.5		13.0				9.9	3.0 -15.0	.60		11.5	.079
-9	15 ±5%	8.5		16.0				11.0	2.6 -13.0	.70		13.0	.082
-10	16 ±5%	7.8		17.0	700			12.0	2.5 -12.5	.75		14.0	.083
-11	18 ±5%	7.0		21	750			14.0	2.1 -10.5	.85		16.0	.085
-12	20 ±5%	6.2		25	750			15.0	1.9 - 9.5	.95		18.0	.086
-13	22 ±5%	5.6		29	750			17.0	1.7 - 8.5	1.05		19.0	.087
-14	24 ±5%	5.2		33	750			18.0	1.6 - 8.0	1.15		21.0	.088
-15	27 ±5%	4.6		41	750			21.0	1.4 - 7.0	1.30		24.0	.090
-16	30 ±5%	4.2		49	1000			23.0	1.3 - 6.5	1.45		27.0	.091
-17	33 ±5%	3.8		58	1000			25.0	1.2 - 6.0	1.60		30.0	.092
-18	36 ±5%	3.4		70	1000			27.0	1.1 - 5.5	1.75		32.5	.093
-19	39 ±5%	3.2		80	1000			30.0	.91- 4.55	1.90		35.0	.094
-20	43 ±5%	3.0		93	1500			33.0	.88- 4.4	2.10		39.0	.095
-21	47 ±5%	2.7		105	1500			36.0	.79- 3.95	2.25		43.0	.095
-22	51 ±5%	2.5		125	1500			39.0	.74- 3.70	2.50		47.0	.096
-23	56 ±5%	2.2		150	2000			43.0	.69- 3.45	2.70		52.5	.096
-24	62 ±5%	2.0		185	2000			47.0	.60- 3.0	2.90		57.5	.097
-25	11.5±2%	10.5		10.5	700			8.7	3.5 -17.5	.50		10.25	.076
-26	24 ±2%	5.1		33	750			18.0	1.6 - 8.0	1.15		21.0	.088
-27	26 ±2%	4.7	0.25	41	750	2	30	20.0	1.4 - 7.0	1.30	1.5	23.0	.090
-28	27 ±2%	4.6	0.25	41	750	2	30	21.0	1.4 - 7.0	1.30	1.5	24.0	.090
-29	5.1 ±5%	20	0.25	14	1200	5	50	2.0	7.5 -37.5	.80	1.5	3.4	±.030

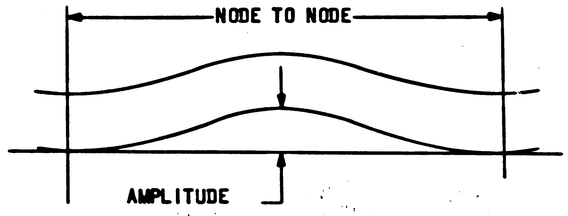


FIGURE A

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± ± ±
DO NOT SCALE THIS DRAWING
MATERIAL
HEAT TREATMENT
FINAL FINISH

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.
DWG. NO. Contract NAS 9-497
DRAWN S. Avery DATE 3 AUG 65
CHECKED Ed Foster, 4 AUG 65
APPROVAL
APPROVAL
NASA APPROVAL
MIT APPROVAL

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

SEMICONDUCTOR DEVICE, DIODE
(VOLTAGE REGULATOR, SILICON,
AXIAL LEAD, GLASS BODY)

SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
80230	C	1008815

SCALE —— WT SHEET 4 OF 5

1008815 B

NOTICE — UNDER GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

C 1008815

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
–	INITIAL RELEASE CLASS A PER TDRR 23029	10-5-65	
(N) A	REVISED PER TDRR 24188	12/7/65	WK
(N) B	REVISED PER TDRR 24271	12/21/65	RTT WK
C	REVISED PER TDRR 24936	4 Jan 66	WK

TABLE II

ELECTRICAL CHARACTERISTICS AT AMBIENT TEMPERATURE = 25°C (UNLESS OTHERWISE SPECIFIED) (SEE NOTE 1)

DASH NUMBER	ZENER VOLTAGE (V_Z) VDC AT I_{ZT}	ZENER TEST CURRENT (I_{ZT}) MADC	ZENER TEST CURRENT (I_{ZK}) MADC	MAXIMUM ZENER IMPEDANCE (SEE NOTE 2) (Z_{ZT}) AT I_{ZT} OHMS	MAXIMUM ZENER IMPEDANCE (SEE NOTE 2) (Z_{ZK}) AT I_{ZK} OHMS	MAXIMUM REVERSE CURRENT (I_R) AT 25°C UA DC	MAXIMUM REVERSE CURRENT (I_R) AT 100°C UA DC	AT VOLTS DC	VOLTAGE REGULATION (SEE NOTE 3) 10% I_{ZM} TO 50% I_{ZM} (MA_{DC})	VOLTAGE REGULATION (SEE NOTE 3) MAX ΔV_Z VDC	MAXIMUM FORWARD VOLTAGE DROP AT 200 MA DC VDC	MINIMUM BREAKDOWN VOLTAGE AT I_{ZK} VDC	MAXIMUM TEMPERATURE COEFFICIENT AT I_{ZT} (25°C TO 125°C) %/°C
-1	6.8±5%	18.5	1.0	4.5	700	150	300	5.2	5.8 -23	.25	1.5	6.2	.057
-2	7.5±5%	16.5	0.5	5.5		75	150	5.7	5.3 -26.5	.30		7.1	.061
-3	8.2±5%	15.0	0.5	6.5		50	120	6.2	4.8 -24.0	.35		7.6	.065
-4	9.1±5%	14.0	0.5	7.5		25	75	6.9	4.4 -22.0	.40		8.7	.068
-5	10 ±5%	12.5	0.25	8.5		2	30	7.6	4.0 -20.0	.45		9.0	.071
-6	11 ±5%	11.5		9.5				8.4	3.5 -17.5	.50		10.0	.073
-7	12 ±5%	10.5		11.5				9.1	3.2 -16.0	.55		10.5	.076
-8	13 ±5%	9.5		13.0				9.9	3.0 -15.0	.60		11.5	.079
-9	15 ±5%	8.5		16.0				11.0	2.6 -13.0	.70		13.0	.082
-10	16 ±5%	7.8		17.0	700			12.0	2.5 -12.5	.75		14.0	.083
-11	18 ±5%	7.0		21	750			14.0	2.1 -10.5	.85		16.0	.085
-12	20 ±5%	6.2		25	750			15.0	1.9 - 9.5	.95		18.0	.086
-13	22 ±5%	5.6		29	750			17.0	1.7 - 8.5	1.05		19.0	.087
-14	24 ±5%	5.2		33	750			18.0	1.6 - 8.0	1.15		21.0	.088
-15	27 ±5%	4.6		41	750			21.0	1.4 - 7.0	1.30		24.0	.090
-16	30 ±5%	4.2		49	1000			23.0	1.3 - 6.5	1.45		27.0	.091
-17	33 ±5%	3.8		58	1000			25.0	1.2 - 6.0	1.60		30.0	.092
-18	36 ±5%	3.4		70	1000			27.0	1.1 - 5.5	1.75		32.5	.093
-19	39 ±5%	3.2		80	1000			30.0	.91- 4.55	1.90		35.0	.094
-20	43 ±5%	3.0		93	1500			33.0	.88- 4.4	2.10		39.0	.095
-21	47 ±5%	2.7		105	1500			36.0	.79- 3.95	2.25		43.0	.095
-22	51 ±5%	2.5		125	1500			39.0	.74- 3.70	2.50		47.0	.096
-23	56 ±5%	2.2		150	2000			43.0	.69- 3.45	2.70		52.5	.096
-24	62 ±5%	2.0		185	2000			47.0	.60- 3.0	2.90		57.5	.097
-25	11.5±2%	10.5		10.5	700			8.7	3.5 -17.5	.50		10.25	.076
-26	24 ±2%	5.1		33	750			18.0	1.6 - 8.0	1.15		21.0	.088
-27	26 ±2%	4.7	0.25	41	750	2	30	20.0	1.4 - 7.0	1.30	1.5	23.0	.090
-28	27 ±2%	4.6	0.25	41	750	2	30	21.0	1.4 - 7.0	1.30	1.5	24.0	.090
-29	5.1 ±5%	20	0.25	14	1200	5	50	2.0	7.5 -37.5	.80	1.5	3.4	±.030

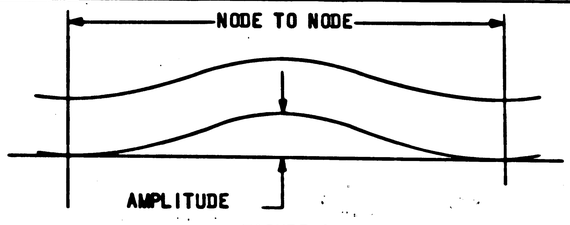


FIGURE A

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS DECIMALS ANGLES
± ± ±
DO NOT SCALE THIS DRAWING
MATERIAL
HEAT TREATMENT
FINAL FINISH

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.
DWG. NO. Contract NAS 9-497

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN J. Conroy DATE 3 AUG 65
CHECKED Ed Foote 4 AUG 65
APPROVAL
APPROVAL C Bedingfield

SEMICONDUCTOR DEVICE, DIODE
(VOLTAGE REGULATOR, SILICON, AXIAL LEAD, GLASS BODY)
SPECIFICATION CONTROL DRAWING

NASA APPROVAL
NASA PP-55-6
MIT APPROVAL

CODE IDENT NO. 80230 | SIZE C | NASA DRAWING NO. 1008815
SCALE — | WT | SHEET 4 OF 5

1008815

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D 1008001

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
–	INITIAL RELEASE CLASS A PER TDRR 23029	10-5-65	
A	REVISED PER TDRR 24188	12/7/65	WJC
B	REVISED PER TDRR 24271	12/21/65	WJC
C	REVISED PER TDRR 24936	4 Jan 66	WJC
D	REVISED RER TDRR 28327	4/3/66	WJC

TABLE II

ELECTRICAL CHARACTERISTICS AT AMBIENT TEMPERATURE = 25°C (UNLESS OTHERWISE SPECIFIED) (SEE NOTE 1)

DASH NUMBER	ZENER VOLTAGE (V_Z) VDC AT I_{ZT}	ZENER TEST CURRENT (I_{ZT}) MADC	ZENER TEST CURRENT (I_{ZK}) MADC	MAXIMUM ZENER IMPEDANCE (SEE NOTE 2) (Z_{ZT}) AT I_{ZT} OHMS	MAXIMUM ZENER IMPEDANCE (SEE NOTE 2) (Z_{ZK}) AT I_{ZK} OHMS	MAXIMUM REVERSE CURRENT (I_R) AT 25°C UA DC	MAXIMUM REVERSE CURRENT (I_R) AT 100°C UA DC	MAXIMUM REVERSE CURRENT AT VOLTS DC	VOLTAGE REGULATION (SEE NOTE 3) 10% I_{ZM} TO 50% I_{ZM} (MADC)	VOLTAGE REGULATION (SEE NOTE 3) MAX ΔV_Z VDC	MAXIMUM FORWARD VOLTAGE DROP AT 200 MA DC VDC	MINIMUM BREAKDOWN VOLTAGE AT I_{ZK} VDC	MAXIMUM TEMPERATURE COEFFICIENT AT I_{ZT} (25°C TO 125°C) %/°C
-1	6.8±5%	18.5	1.0	4.5	700	150	300	5.2	5.8 -29	.25	1.5	6.2	.057
-2	7.5±5%	16.5	0.5	5.5		75	150	5.7	5.3 -26.5	.30		7.1	.061
-3	8.2±5%	15.0	0.5	6.5		50	120	6.2	4.8 -24.0	.35		7.6	.065
-4	9.1±5%	14.0	0.5	7.5		25	75	6.9	4.4 -22.0	.40		8.7	.068
-5	10 ±5%	12.5	0.25	8.5		2	30	7.6	4.0 -20.0	.45		9.0	.071
-6	11 ±5%	11.5		9.5				8.4	3.5 -17.5	.50		10.0	.073
-7	12 ±5%	10.5		11.5				9.1	3.2 -16.0	.55		10.5	.076
-8	13 ±5%	9.5		13.0				9.9	3.0 -15.0	.60		11.5	.079
-9	15 ±5%	8.5		16.0				11.0	2.6 -13.0	.70		13.0	.082
-10	16 ±5%	7.8		17.0	700			12.0	2.5 -12.5	.75		14.0	.083
-11	18 ±5%	7.0		21	750			14.0	2.1 -10.5	.85		16.0	.085
-12	20 ±5%	6.2		25	750			15.0	1.9 - 9.5	.95		18.0	.086
-13	22 ±5%	5.6		29	750			17.0	1.7 - 8.5	1.05		19.0	.087
-14	24 ±5%	5.2		33	750			18.0	1.6 - 8.0	1.15		21.0	.088
-15	27 ±5%	4.6		41	750			21.0	1.4 - 7.0	1.30		24.0	.090
-16	30 ±5%	4.2		49	1000			23.0	1.3 - 6.5	1.45		27.0	.091
-17	33 ±5%	3.8		58	1000			25.0	1.2 - 6.0	1.60		30.0	.092
-18	36 ±5%	3.4		70	1000			27.0	1.1 - 5.5	1.75		32.5	.093
-19	39 ±5%	3.2		80	1000			30.0	.91- 4.55	1.90		35.0	.094
-20	43 ±5%	3.0		93	1500			33.0	.68- 4.4	2.10		39.0	.095
-21	47 ±5%	2.7		105	1500			36.0	.79- 3.95	2.25		43.0	.095
-22	51 ±5%	2.5		125	1500			39.0	.74- 3.70	2.50		47.0	.096
-23	56 ±5%	2.2		150	2000			43.0	.69- 3.45	2.70		52.5	.096
-24	62 ±5%	2.0		185	2000			47.0	.60- 3.0	2.90		57.5	.097
-25	11.5±2%	10.5		10.5	700			8.7	3.5 -17.5	.50		10.25	.076
-26	24 ±2%	5.1		33	750			18.0	1.6 - 8.0	1.15		21.0	.088
-27	26 ±2%	4.7	0.25	41	750	2	30	20.0	1.4 - 7.0	1.30	1.5	23.0	.090
-28	27 ±2%	4.6	0.25	41	750	2	30	21.0	1.4 - 7.0	1.30	1.5	24.0	.090
-29	5.1 ±5%	20	0.25	14	1200	5	50	2.0	7.5 -37.5	.80	1.5	3.4	±.030

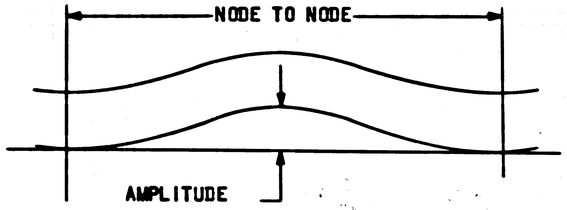


FIGURE A

MASTER

QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL
HEAT TREATMENT
FINAL FINISH
NEXT ASSY | USED ON
APPLICATION

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS. DWG. NO. Contract NAS 9-497

DRAWN J. Arruza DATE 3 AUG 65
CHECKED Ed Foster 4 AUG 65
APPROVAL
APPROVAL C. Bedingfield 4 Aug 65
NASA APPROVAL D. PRESLETTER NASA PPT-55-6-71
MIT APPROVAL W. Griffith 4 Aug 65

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

SEMICONDUCTOR DEVICE, DIODE (VOLTAGE REGULATOR, SILICON, AXIAL LEAD, GLASS BODY)

SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	NASA DRAWING NO.
80230	C	1008815

SCALE — WT SHEET 4 OF 5

1008815 D

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REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
A	THIS SHEET ADDED PER TDRR 24188	12/16/65	WK

TABLE II (CONT'D)

ELECTRICAL CHARACTERISTICS AT AMBIENT TEMPERATURE = 25°C (UNLESS OTHERWISE SPECIFIED) (SEE NOTE 1)

~~NASA~~ DASH NO.	ZENER VOLTAGE (V_Z) VDC AT I_{ZT}	ZENER TEST CURRENT (I_{ZT}) MADC	ZENER TEST CURRENT (I_{ZK}) MADC	MAXIMUM ZENER IMPEDANCE (SEE NOTE 2) (Z_{ZT}) AT I_{ZT} OHMS	MAXIMUM ZENER IMPEDANCE (SEE NOTE 2) (Z_{ZK}) AT I_{ZK} OHMS	MAXIMUM REVERSE CURRENT (I_R) AT 25°C UA DC	MAXIMUM REVERSE CURRENT (I_R) AT 100°C UA DC	MAXIMUM REVERSE CURRENT AT VOLTS DC	VOLTAGE REGULATION (SEE NOTE 3) 10% I_{ZM} TO 50% I_{ZM} (MADC)	VOLTAGE REGULATION (SEE NOTE 3) MAX ΔV_Z VDC	MAXIMUM FORWARD VOLTAGE DROP AT 200 MA DC VDC	MINIMUM BREAKDOWN VOLTAGE AT I_{ZK} VDC	MAXIMUM TEMPERATURE COEFFICIENT AT I_{ZT} (25°C TO 125°C) %/°C
-30	68± 5%	1.8	0.25	230	2000	5	--	52	0.55-2.75	3.2	1.5	--	+0.097
-31	75	1.7		270	2000		--	56	0.51-2.55	3.4		--	+0.098
-32	82	1.5		330	3000		--	62	0.46-2.30	3.8		--	+0.098
-33	91	1.4		400	3000		--	69	0.42-2.10	4.2		--	+0.099
-34	100	1.3		500	3000		--	76	0.37-1.85	4.4		--	+1.000
-35	110	1.1		750	4000		--	84	0.33-1.65	4.8		--	
-36	120	1.0		900	4500		--	91	0.31-1.55	5.2		--	
-37	130	0.95		1100	5000		--	99	0.27-1.35	5.6		--	
-38	150	0.85		1500	6000		--	114	0.24-1.20	7.0		--	
-39	160	0.80		1700	6500		--	122	0.22-1.10	7.5		--	
-40	180	0.68		2200	7100		--	137	0.20-1.00	9.0		--	
-41	200	0.65		2500	8000		--	152	0.18-0.90	12.0		--	+1.000
									10% I_{ZT} TO 100% I_{ZT} (MADC); (SEE NOTE 4)				
-42	3.3	20.0		24	--		30	1.0	2.0-20.0	1.0		1.5	-0.070
-43	3.6			22	--		30					1.8	-0.065
-44	3.9			20	--		30					2.0	-0.060
-45	4.3			18	--	5	50	1.0				2.4	-0.055
-46	4.7			16	--	10		2.0		1.0		2.8	-0.043
-47	5.1			14	--			2.0		0.8		3.3	±0.030
-48	5.6			8	--			3.0		0.8		4.3	±0.028
-49	6.2±5%	20.0	0.25	3	--	10	50	4.0	2.0-20.0	0.6	1.5	5.2	+0.045

Ⓐ THIS SHEET ADDED

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING

MATERIAL

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

DRAWN	Louis A'Louve	23 Nov 65
CHECKED	W. Simpson	6 Dec 65
APPROVED	P. Sidney Gubb	7 Dec 65
APPROVED		
APPROVED MIT	W Tuyler	7 Dec 65
APPROVED MSC	A. C. METZGER	DATE

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

SEMICONDUCTOR DEVICE, DIODE
(VOLTAGE REGULATOR, SILICON, AXIAL LEAD, GLASS BODY)
SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	DRAWING NO.
80230	C	1008815

SCALE --- SHEET 5 OF 5

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REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
A	THIS SHEET ADDED PER TDRR 24188	14 Dec 65	WK
B	REVISED PER TDRR 24271	12 JAN 66	WK

TABLE II (CONT'D)

ELECTRICAL CHARACTERISTICS AT AMBIENT TEMPERATURE = 25°C (UNLESS OTHERWISE SPECIFIED) (SEE NOTE 1)

~~NASA~~ DASH NO.	ZENER VOLTAGE (V_Z) VDC AT I_{ZT}	ZENER TEST CURRENT (I_{ZT}) MADC	ZENER TEST CURRENT (I_{ZK}) MADC	MAXIMUM ZENER IMPEDANCE (SEE NOTE 2) (Z_{ZT}) AT I_{ZT} OHMS	MAXIMUM ZENER IMPEDANCE (SEE NOTE 2) (Z_{ZK}) AT I_{ZK} OHMS	MAXIMUM REVERSE CURRENT (I_R) AT 25°C UA DC	MAXIMUM REVERSE CURRENT (I_R) AT 100°C UA DC	MAXIMUM REVERSE CURRENT AT VOLTS DC	VOLTAGE REGULATION (SEE NOTE 3) 10% I_{ZM} TO 50% I_{ZM} (MADC)	VOLTAGE REGULATION (SEE NOTE 3) MAX ΔV_Z VDC	MAXIMUM FORWARD VOLTAGE DROP AT 200 MA DC VDC	MINIMUM BREAKDOWN VOLTAGE AT I_{ZK} VDC	MAXIMUM TEMPERATURE COEFFICIENT AT I_{ZT} (25°C TO 125°C) %/°C
-30	68± 5%	1.8	0.25	230	2000	5	--	52	0.55-2.75	3.2	1.5	--	+0.097
-31	75	1.7	↕	270	2000	↕	--	56	0.51-2.55	3.4	↕	--	+0.098
-32	82	1.5		330	3000		--	62	0.46-2.30	3.8		--	+0.098
-33	91	1.4		400	3000		--	69	0.42-2.10	4.2		--	+0.099
-34	100	1.3		500	3000		--	76	0.37-1.85	4.4		--	+1.000
-35	110	1.1		750	4000		--	84	0.33-1.65	4.8		--	↕
-36	120	1.0		900	4500		--	91	0.31-1.55	5.2		--	
-37	130	0.95		1100	5000		--	99	0.27-1.35	5.6		--	
-38	150	0.85		1500	6000		--	114	0.24-1.20	7.0		--	
-39	160	0.80		1700	6500		--	122	0.22-1.10	7.5		--	
-40	180	0.68		2200	7100		--	137	0.20-1.00	9.0		--	
-41	200	0.65		2500	8000		--	152	0.18-0.90	12.0		--	+1.000
									10% I_{ZT} TO 100% I_{ZT} (MADC) (SEE NOTE 4)				
-42	3.3	20.0		24	--		30	1.0	2.0-20.0	1.0		1.5	-0.070
-43	3.6	↕		22	--		30	↕	↕	↕		1.8	-0.065
-44	3.9			20	--		30					2.0	-0.060
-45	4.3			18	--	5	50	1.0				2.4	-0.055
-46	4.7			16	--	10	↕	2.0		1.0		2.8	-0.043
-47	5.1			14	--	↕		2.0		0.8		3.3	±0.030
-48	5.6	↕	↕	8	--		↕	3.0	↕	0.8	↕	4.3	±0.028
-49	6.2±5%	20.0	0.25	3	--	10	50	4.0	2.0-20.0	0.6	1.5	5.2	+0.045

Ⓐ THIS SHEET ADDED

NOTES: UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL

NEXT ASSY	USED ON
APPLICATION	

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

MIT INSTRUMENTATION LAB, CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

DRAWN	Louis A'Louve	23 NOV 65
CHECKED	W. Simpson	6 Dec 65
APPROVED	R Redmond Gilbert	7 Dec 65
APPROVED		
APPROVED MIT	W Hugler	7 Dec 65
APPROVED MSC	A. C. METZGER	DATE

SEMICONDUCTOR DEVICE, DIODE (VOLTAGE REGULATOR, SILICON, AXIAL LEAD, GLASS BODY)
SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	DRAWING NO.
80230	C	1008815

SCALE --- SHEET 5 OF 5

NOTICE – WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
A	THIS SHEET ADDED PER TDRR 24188	19 Dec 65	WK
B	REVISED PER TDRR 24271	17 Jan 66	WK
C	REVISED PER TDRR 24936	4 Jan 66	WK

TABLE II (CONT'D)

ELECTRICAL CHARACTERISTICS AT AMBIENT TEMPERATURE = 25°C (UNLESS OTHERWISE SPECIFIED) (SEE NOTE 1)

~~NASA~~ DASH NO.	ZENER VOLTAGE (V_Z) VDC AT I_{ZT}	ZENER TEST CURRENT (I_{ZT}) MADC	ZENER TEST CURRENT (I_{ZK}) MADC	MAXIMUM ZENER IMPEDANCE (SEE NOTE 2) (Z_{ZT}) AT I_{ZT} OHMS	MAXIMUM ZENER IMPEDANCE (SEE NOTE 2) (Z_{ZK}) AT I_{ZK} OHMS	MAXIMUM REVERSE CURRENT (I_R) AT 25°C UA DC	MAXIMUM REVERSE CURRENT (I_R) AT 100°C UA DC	AT VOLTS DC	VOLTAGE REGULATION (SEE NOTE 3) 10% I_{ZM} TO 50% I_{ZM} (MADC)	VOLTAGE REGULATION (SEE NOTE 3) MAX ΔV_Z VDC	MAXIMUM FORWARD VOLTAGE DROP AT 200 MA DC VDC	MINIMUM BREAKDOWN VOLTAGE AT I_{ZK} VDC	MAXIMUM TEMPERATURE COEFFICIENT AT I_{ZT} (25°C TO 125°C) %/°C
-30	68± 5%	1.8	0.25	230	2000	5	--	52	0.55-2.75	3.2	1.5	--	+0.097
-31	75	1.7		270	2000		--	56	0.51-2.55	3.4		--	+0.098
-32	82	1.5		330	3000		--	62	0.46-2.30	3.8		--	+0.098
-33	91	1.4		400	3000		--	69	0.42-2.10	4.2		--	+0.099
-34	100	1.3		500	3000		--	76	0.37-1.85	4.4		--	+1.000
-35	110	1.1		750	4000		--	84	0.33-1.65	4.8		--	
-36	120	1.0		900	4500		--	91	0.31-1.55	5.2		--	
-37	130	0.95		1100	5000		--	99	0.27-1.35	5.6		--	
-38	150	0.85		1500	6000		--	114	0.24-1.20	7.0		--	
-39	160	0.80		1700	6500		--	122	0.22-1.10	7.5		--	
-40	180	0.68		2200	7100		--	137	0.20-1.00	9.0		--	
-41	200	0.65		2500	8000		--	152	0.18-0.90	12.0		--	+1.000
									10% I_{ZT} TO 100% I_{ZT} (MADC), (SEE NOTE 4)				
-42	3.3	20.0		24	--		30	1.0	2.0-20.0	1.0		1.5	-0.070
-43	3.6			22	--		30					1.8	-0.065
-44	3.9			20	--		30					2.0	-0.060
-45	4.3			18	--	5	50	1.0				2.4	-0.055
-46	4.7			16	--	10		2.0		1.0		2.8	-0.043
-47	5.1			14	--			2.0		0.8		3.3	±0.030
-48	5.6			8	--			3.0		0.8		4.3	±0.028
-49	6.2±5%	20.0	0.25	3	--	10	50	4.0	2.0-20.0	0.6	1.5	5.2	+0.045

Ⓐ THIS SHEET ADDED

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.

LIST OF MATERIALS

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING

MATERIAL

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	Louis A'Louise	23 Nov 65
CHECKED	W. Simpson	6 Dec 65
APPROVED	P. Sadowski	7 Dec 65
APPROVED		
APPROVED MIT	W. Swyer	7 Dec 65
APPROVED MSC	A. C. METZGER	DATE

SEMICONDUCTOR DEVICE, DIODE
(VOLTAGE REGULATOR, SILICON, AXIAL LEAD, GLASS BODY)
SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	DRAWING NO.
80230	C	1008815

SCALE --- SHEET 5 OF 5

NOTICE – WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY PURPOSE OTHER THAN IN CONNECTION WITH A DEFINITELY RELATED GOVERNMENT PROCUREMENT OPERATION, THE UNITED STATES GOVERNMENT THEREBY INCURS NO RESPONSIBILITY NOR ANY OBLIGATION WHATSOEVER; AND THE FACT THAT THE GOVERNMENT MAY HAVE FORMULATED, FURNISHED, OR IN ANY WAY SUPPLIED THE SAID DRAWINGS, SPECIFICATIONS OR OTHER DATA IS NOT TO BE REGARDED BY IMPLICATION OR OTHERWISE AS IN ANY MANNER LICENSING THE HOLDER OR ANY OTHER PERSON OR CORPORATION, OR CONVEYING ANY RIGHTS OR PERMISSION TO MANUFACTURE, USE, OR SELL ANY PATENTED INVENTION THAT MAY IN ANY WAY BE RELATED THERETO.

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
A	THIS SHEET ADDED PER TDRR 24188	17 Dec 65	WK
B	REVISED PER TDRR 24271	12 Jan 66	WK
C	REVISED PER TDRR 24936	4 Jan 66	WK
D	REVISED PER TDRR 28327	8/3/66	WK

TABLE II (CONT'D)

ELECTRICAL CHARACTERISTICS AT AMBIENT TEMPERATURE = 25°C (UNLESS OTHERWISE SPECIFIED) (SEE NOTE 1)

~~NASA~~ DASH NO.	ZENER VOLTAGE (V_Z) VDC AT I_{ZT}	ZENER TEST CURRENT		MAXIMUM ZENER IMPEDANCE (SEE NOTE 2)		MAXIMUM REVERSE CURRENT			VOLTAGE REGULATION (SEE NOTE 3)		MAXIMUM FORWARD VOLTAGE DROP AT 200 MA DC VDC	MINIMUM BREAKDOWN VOLTAGE AT I_{ZK} VDC	MAXIMUM TEMPERATURE COEFFICIENT AT I_{ZT} (25°C TO 125°C) %/°C
		(I_{ZT}) MADC	(I_{ZK}) MADC	(Z_{ZT}) AT I_{ZT} OHMS	(Z_{ZK}) AT T_{ZK} OHMS	(I_R) AT 25°C UA DC	(I_R) AT 100°C UA DC	AT VOLTS DC	10% I_{ZM} TO 50% I_{ZM} (MADC)	MAX ΔV_Z VDC			
-30	68± 5%	1.8	0.25	230	2000	5	--	52	0.55-2.75	3.2	1.5	--	+0.097
-31	75	1.7		270	2000		--	56	0.51-2.55	3.4		--	+0.098
-32	82	1.5		330	3000		--	62	0.46-2.30	3.8		--	+0.098
-33	91	1.4		400	3000		--	69	0.42-2.10	4.2		--	+0.099
-34	100	1.3		500	3000		--	76	0.37-1.85	4.4		--	+1.000
-35	110	1.1		750	4000		--	84	0.33-1.65	4.8		--	
-36	120	1.0		900	4500		--	91	0.31-1.55	5.2		--	
-37	130	0.95		1100	5000		--	99	0.27-1.35	5.6		--	
-38	150	0.85		1500	6000		--	114	0.24-1.20	7.0		--	
-39	160	0.80		1700	6500		--	122	0.22-1.10	7.5		--	
-40	180	0.68		2200	7100		--	137	0.20-1.00	9.0		--	
-41	200	0.65		2500	8000		--	152	0.18-0.90	12.0		--	+1.000
									10% I_{ZT} TO 100% I_{ZT} (MADC), (SEE NOTE 4)				
-42	3.3	20.0		24	--		30	1.0	2.0-20.0	1.0		1.5	-0.070
-43	3.6			22	--		30					1.8	-0.065
-44	3.9			20	--		30					2.0	-0.060
-45	4.3			18	--	5	50	1.0				2.4	-0.055
-46	4.7			16	--	10		2.0		1.0		2.8	-0.043
-47	5.1			14	--			2.0		0.8		3.3	±0.030
-48	5.6			8	--			3.0		0.8		4.3	±0.028
-49	6.2±5%	20.0	0.25	3	--	10	50	4.0	2.0-20.0	0.6	1.5	5.2	+0.045
-50	27±2%	0.30	--	150	--	2	30	21.0	1.4-7.0	1.30	1.5	--	.090

Ⓐ THIS SHEET ADDED

MASTER

QTY REQD	PART OR IDENTIFYING NO.	MATERIAL OR NOTES	NOMENCLATURE OR DESCRIPTION	FIND NO.
LIST OF MATERIALS				

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
CAPACITOR VALUES ARE IN μf
RESISTOR VALUES ARE IN OHMS
TOLERANCES ON
FRACTIONS ± DECIMALS ± ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL

MIT INSTRUMENTATION LAB
CAMBRIDGE, MASS.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

DRAWN	Louis A'Court	23 Nov 65
CHECKED	W. Simpson	6 Dec 65
APPROVED	R. Baldwin	7 Dec 65
APPROVED		
APPROVED MIT	W. Tuyn	7 Dec 65
APPROVED MSC	A. C. METZGER	DATE

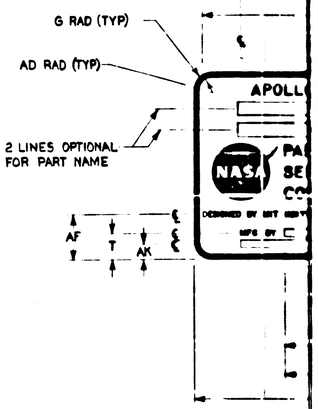
SEMICONDUCTOR DEVICE, DIODE
(VOLTAGE REGULATOR, SILICON, AXIAL LEAD, GLASS BODY)
SPECIFICATION CONTROL DRAWING

CODE IDENT NO.	SIZE	DRAWING NO.
80230	C	1008815

SCALE --- SHEET 5 OF 5

NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.
2. DIMENSIONS ON EACH VIEW APPLY TO ALL VIEWS (WITH THE EXCEPTION OF MOUNTING HOLES).
3. FORMATS ILLUSTRATED WILL BE APPLICABLE TO ALL ITEMS REQUIRING NAMEPLATES BELOW END ITEM DESIGNATION (SYSTEMS, ASSEMBLIES, ETC.)
4. PLATE BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595, COLOR 37038. BORDER, MARKING AND LETTERING TO BE NATURAL METAL, (ANODIZED ALUMINUM).
5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL-P-19834.
6. LETTERING STYLE TO BE GOTHIC, (SANS SERIFS), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN, CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER ND 1002019.
9. WHEN "AUTO MARK" METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC, AND AM.
10. NASA SYMBOL IS TO BE PROPORTIONAL TO NAMEPLATE IN RATIO OF 1 TO 5 WITH DIMENSION A VALUE AND IS TO HAVE NATURAL BACKGROUND. NASA SYMBOL LETTERS LETTERING AND FEATHER TO BE BLACK, (OR WHITE FOR SILK SCREENING). WHERE BLACK FEATHER PROTRUDES INTO BLACK BACKGROUND, A MINIMUM OUTLINE OF NATURAL BACKGROUND SHALL EXIST.
11. NAMEPLATES WILL BE APPLIED BY METHODS LISTED BELOW, SHOWN IN ORDER OF PREFERENCE, (I.E., FOR RELIABILITY AND WEIGHT).
    - A - STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT USING INK PER SCD 1010920, (WHITE OR BLACK).
    - B - ALUMINUM FOIL, (STYLE A OR B, TYPE I):
      FOIL SHALL BE .0030 ± .0005 THICK PER MIL-A-148.
      FOIL SHALL HAVE NO ADHESIVE BACKING.
      FOIL SHALL BE BONDED PER ND 1002219, (METHOD II).
      FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    - C - PLATE, (STYLE A OR B, TYPE II):
      MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY, .032 THICK. ANODIZE PER MIL-A-8625, TYPE II.
      ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
12. NAMEPLATES SHALL BE CAPABLE OF MEETING APPLICABLE REQUIREMENTS OF MIL-M-13231.
13. ON DIMENSION TABLES SHOWN ON PAGES 2, 3, 4, 5, AND 6, NA MEANS, "NOT APPLICABLE".



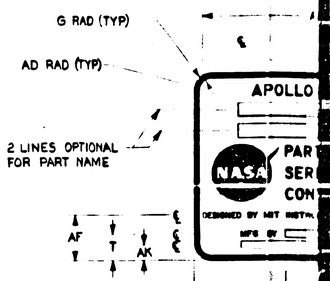
SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	A																																					
2.	1.000A	.6563A	.8438A	.6875A	.0391A	.0240A	.0391A	.0469A	.0547A	.0469A	.5938A	.3750A	.2969A	.2187A	.5079A	.0313A	.0938A	.0391A	.4375A	.3594A	.6875A	.1094A	.5781A	.9219A	.0240A	.0156A	.4375A	.1525A	.0391A	.1563A	.8438A	.0548A	.8659A	.0391A	.1563A	.0938A	.9219A	.0151A

1/1004260

NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.
2. DIMENSIONS ON EACH VIEW APPLY TO ALL VIEWS (WITH THE EXCEPTION OF MOUNTING HOLES).
3. FORMATS ILLUSTRATED WILL BE APPLICABLE TO ALL ITEMS REQUIRING NAMEPLATES BELOW END ITEM DESIGNATION (SYSTEMS, ASSEMBLIES, ETC.)
4. PLATE BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595, COLOR 37038. BORDER, MARKING AND LETTERING TO BE NATURAL METAL, (ANODIZED ALUMINUM).
5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL-P-19834.
6. LETTERING STYLE TO BE GOTHIC, (SANS SERIFS), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN, CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER ND 1002019.
9. WHEN "AUTO MARK" METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC, AND AM.
10. NASA SYMBOL IS TO BE PROPORTIONAL TO NAMEPLATE IN RATIO OF 1 TO 5 WITH DIMENSION A VALUE AND IS TO HAVE NATURAL BACKGROUND. NASA SYMBOL LETTERS LETTERING AND FEATHER TO BE BLACK, (OR WHITE FOR SILK SCREENING). WHERE BLACK FEATHER PROTRUDES INTO BLACK BACKGROUND, A MINIMUM OUTLINE OF NATURAL BACKGROUND SHALL EXIST.
11. NAMEPLATES WILL BE APPLIED BY METHODS LISTED BELOW, SHOWN IN ORDER OF PREFERENCE, (I.E., FOR RELIABILITY AND WEIGHT).
    - A - STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT USING INK PER SCD 1010920, (WHITE OR BLACK).
    - B - ALUMINUM FOIL, (STYLE A OR B, TYPE I):
      FOIL SHALL BE .0030 ± .0005 THICK PER MIL-A-148.
      FOIL SHALL HAVE NO ADHESIVE BACKING.
      FOIL SHALL BE BONDED PER ND 1002219, (METHOD II).
      FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    - C - PLATE, (STYLE A OR B, TYPE II):
      MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY, .032 THICK. ANODIZE PER MIL-A-8625, TYPE II.
      ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
12. NAMEPLATES SHALL BE CAPABLE OF MEETING APPLICABLE REQUIREMENTS OF MIL-M-13231.
13. ON DIMENSION TABLES SHOWN ON PAGES 2, 3, 4, 5, AND 6, NA MEANS, "NOT APPLICABLE".



SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
2.	1.000A	.6563A	.8438A	.6875A	.0391A	.0240A	.0391A	.0469A	.0547A	.0469A	.5938A	.3750A	.2969A	.2187A	.5079A	.0313A	.0938A	.0391A	.4375A	.3594A	.6875A	.1094A	.5781A	.9219A	.0240A	.0156A	.4375A	.1525A	.0391A	.1563A	.8438A	.0548A	.8639A	.0391A	.1563A	.0938A	.9219A	.0151A

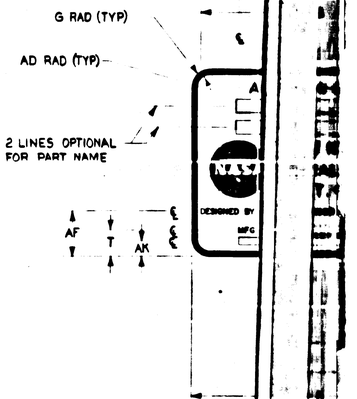
APOLLO GROUND
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NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.
2. DIMENSIONS ON EACH VIEW APPLY TO ALL VIEWS (WITH THE EXCEPTION OF MOUNTING HOLES).
3. FORMATS ILLUSTRATED WILL BE APPLICABLE TO ALL ITEMS REQUIRING NAMEPLATES BELOW END ITEM DESIGNATION (SYSTEMS, ASSEMBLIES, ETC.)
4. PLATE BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595, COLOR 37038. BORDER, MARKING AND LETTERING TO BE NATURAL METAL, (ANODIZED ALUMINUM).
5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL-P-19834.
6. LETTERING STYLE TO BE GOTHIC, (SANS SERIFS), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN, CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER ND 1002019.
9. WHEN "AUTO MARK" METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC, AND AM.
10. NASA SYMBOL IS TO BE PROPORTIONAL TO NAMEPLATE IN RATIO OF 1 TO 5 WITH DIMENSION A VALUE AND IS TO HAVE NATURAL BACKGROUND. NASA SYMBOL LETTERS LETTERING AND FEATHER TO BE BLACK, (OR WHITE FOR SILK SCREENING). WHERE BLACK FEATHER PROTRUDES INTO BLACK BACKGROUND, A MINIMUM OUTLINE OF NATURAL BACKGROUND SHALL EXIST.
11. NAMEPLATES WILL BE APPLIED BY METHODS LISTED BELOW, SHOWN IN ORDER OF PREFERENCE, (I.E., FOR RELIABILITY AND WEIGHT).
    - A - STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT USING INK PER SCD 1010920, (WHITE OR BLACK).
    - B - ALUMINUM FOIL, (STYLE A OR B, TYPE I):
      FOIL SHALL BE .0030 ± .0005 THICK PER MIL-A-148.
      FOIL SHALL HAVE NO ADHESIVE BACKING.
      FOIL SHALL BE BONDED PER ND 1002219, (METHOD II).
      FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    - C - PLATE, (STYLE A OR B, TYPE II):
      MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY, .032 THICK. ANODIZE PER MIL-A-8625, TYPE II.
      ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
12. NAMEPLATES SHALL BE CAPABLE OF MEETING APPLICABLE REQUIREMENTS OF MIL-M-13231.
13. ON DIMENSION TABLES SHOWN ON PAGES 2, 3, 4, 5, AND 6, NA MEANS, "NOT APPLICABLE".



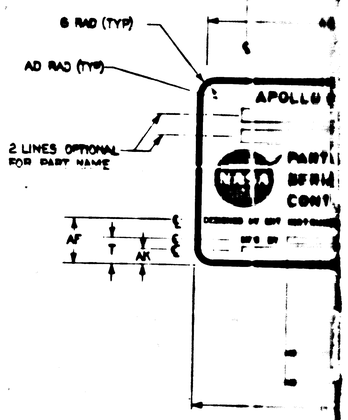
SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

1.	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
2.	1.000A	.6563A	.8438A	.6875A	.0391A	.0240A	.0391A	.0469A	.0547A	.0469A	.5938A	.3750A	.2969A	.2187A	.5079A	.0313A	.0938A	.0391A	.4375A	.3594A	.6875A	.1094A	.5781A	.9219A	.0240A	.0156A	.4375A	.1525A	.0391A	.1563A	.8438A	.0548A	.8659A	.0391A	.1563A	.0938A	.9219A	.0151A

1/1004260

NOTES:

1. INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY MIL-D-70327.
2. DIMENSIONS ON EACH VIEW APPLY TO ALL VIEWS (WITH THE EXCEPTION OF MOUNTING HOLES).
3. FORMATS ILLUSTRATED WILL BE APPLICABLE TO ALL ITEMS REQUIRING NAMEPLATES BELOW END ITEM DESIGNATION (SYSTEMS, ASSEMBLIES, ETC.)
4. PLATE BACKGROUND TO BE LUSTERLESS BLACK PER FED-STD-595, COLOR 37038. BORDER, MARKING AND LETTERING TO BE NATURAL METAL, (ANODIZED ALUMINUM).
5. MARKING METHOD TO BE DIE STAMPING, ETCHING OR ENGRAVING IN ACCORDANCE WITH MIL-P-19834.
6. LETTERING STYLE TO BE GOTHIC, (SANS SERIFS), AND NUMBERS TO BE ARABIC.
7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN, CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER NO 1002019.
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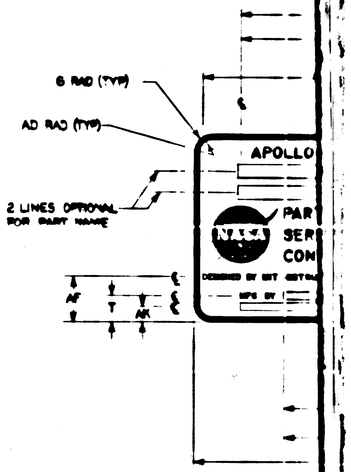
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2.	1.000A	.6563A	.8438A	.6875A	.0391A	.0240A	.0391A	.0469A	.0547A	.0469A	.5938A	.3750A	.2969A	.2187A	.5079A	.0313A	.0938A	.0391A	.4375A	.3594A	.6875A	.1094A	.5781A	.9219A	.0240A	.0156A	.4375A	.1525A	.8891A	.1563A	.8438A	.0548A	.8659A	.0391A	.1563A	.0938A	.9219A	.0151A

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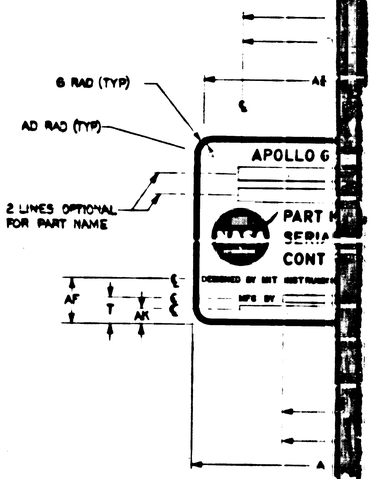
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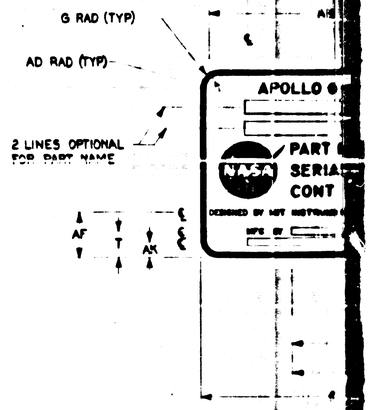
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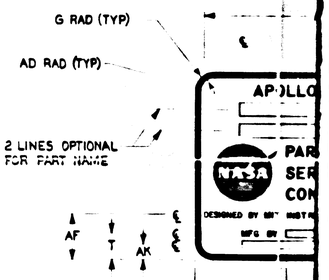
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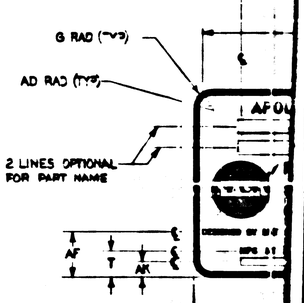
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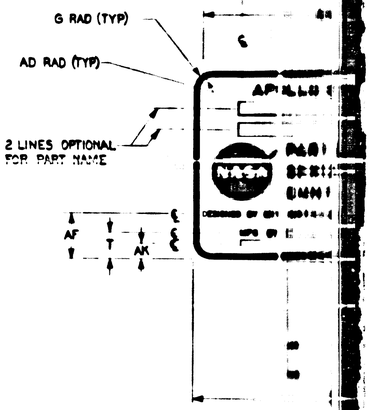
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        FOIL SHALL HAVE NO ADHESIVE BACKING.
        FOIL SHALL BE BONDED PER NO 1002219, (METHOD II).
        FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    C - PLATE, (STYLE A OR B, TYPE II):
        MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY, .032 THICK. ANODIZE PER MIL-A-8625, TYPE II.
        ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
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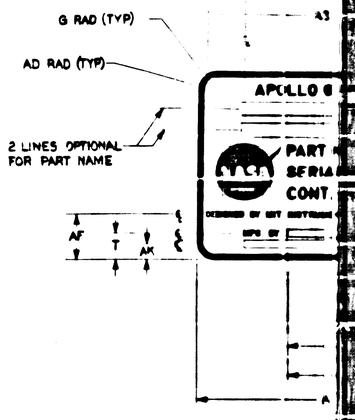
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2.	1.000A	.6563A	.8438A	.6875A	.0391A	.0240A	.0391A	.0469A	.0547A	.0469A	.5938A	.3750A	.2969A	.2187A	.5079A	.0313A	.0938A	.0391A	.4375A	.3594A	.6875A	.1094A	.5781A	.9219A	.0240A	.0156A	.4375A	.1525A	.0391A	.1563A	.8438A	.0548A	.8659A	.0391A	.1563A	.0938A	.9219A	.0151A

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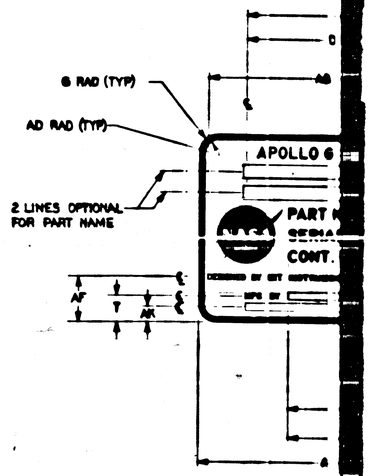
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1.	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
2.	1.000A	.6563A	.8439A	.6875A	.0391A	.0240A	.0391A	.0469A	.0547A	.0469A	.5938A	.3750A	.2969A	.2187A	.5079A	.0313A	.0938A	.0391A	.4375A	.3594A	.6875A	.1094A	.5781A	.9219A	.0240A	.0156A	.4375A	.1525A	.8991A	.1563A	.8438A	.0548A	.8659A	.0391A	.1563A	.0938A	.9219A	.0151A

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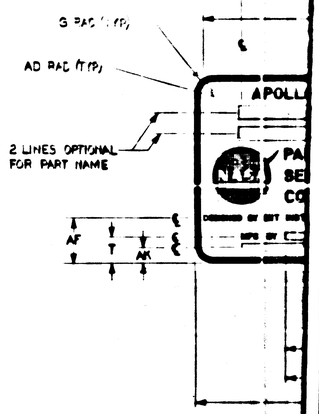
1.	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
2.	1.000A	.0853A	.0438A	.6875A	.0391A	.0240A	.0391A	.0469A	.0547A	.0469A	.5636A	.3750A	.2969A	.2187A	.9079A	.6913A	.0938A	.0391A	.4375A	.3984A	.6875A	.1094A	.5781A	.9219A	.0948A	.0156A	.4375A	.1525A	.0391A	.1563A	.0438A	.0548A	.0438A	.0391A	.1563A	.0938A	.9219A	.0151A

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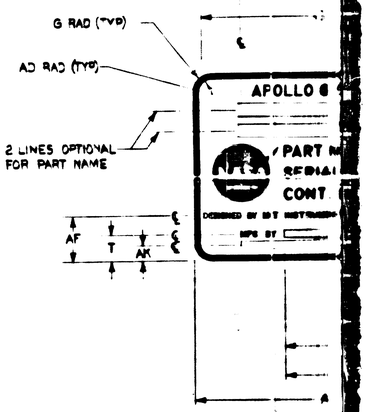
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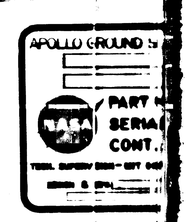
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
1.	A																																				
2.	1.000A	.6563A	.8438A	.6875A	.0391A	.0240A	.0391A	.0469A	.0547A	.0469A	.5938A	.3750A	.2969A	.2187A	.5079A	.0313A	.0938A	.0391A	.4375A	.3594A	.6875A	.1094A	.5781A	.9219A	.0240A	.0156A	.4375A	.1525A	.8281A	.1563A	.8438A	.0548A	.8659A	.0391A	.1563A	.0938A	.9219A	.0151A

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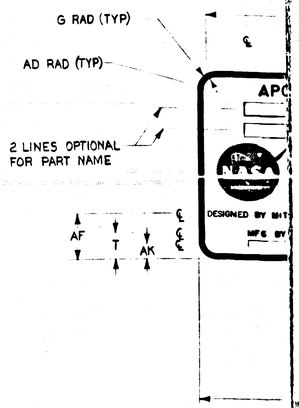
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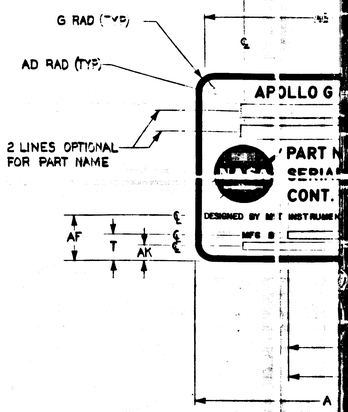
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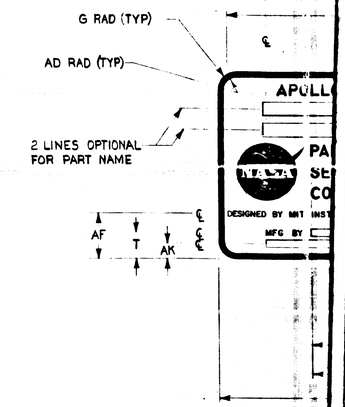
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1.																																					
2.	1.000A	.6563A	.8438A	.6875A	.0391A	.0240A	.0391A	.0469A	.0547A	.0469A	.5938A	.3750A	.2969A	.2187A	.5079A	.0313A	.0938A	.0391A	.4375A	.3594A	.6875A	.1094A	.5781A	.9219A	.0240A	.0156A	.4375A	.1525A	.0391A	.1563A	.8438A	.0548A	.8659A	.0391A	.1563A	.0938A	.9219A	.0151A

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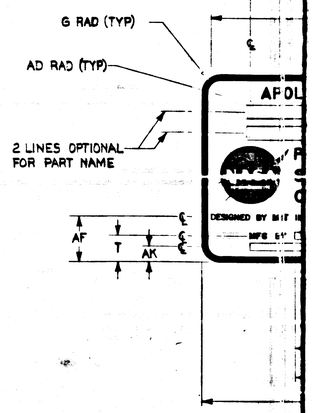


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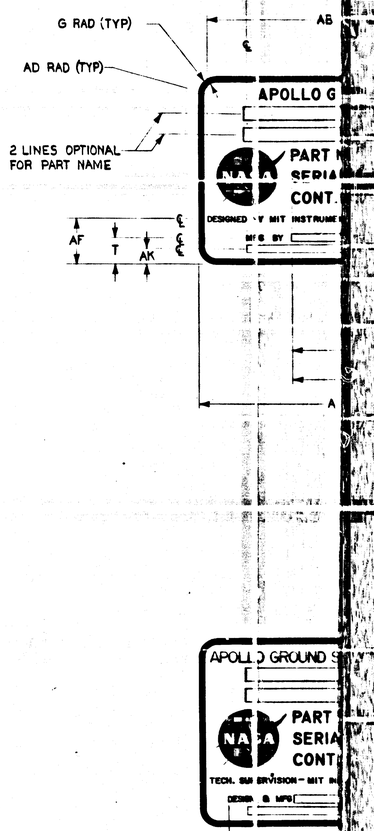
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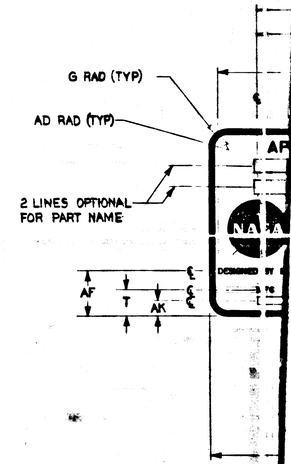
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WITHOUT

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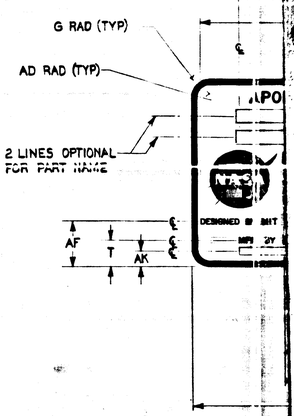
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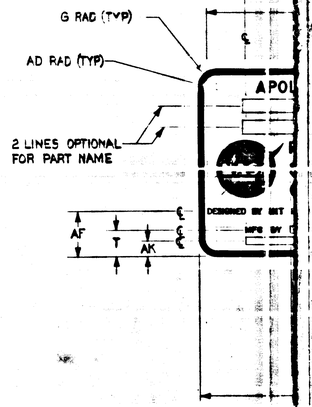
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7. WHERE LOCATING DIMENSIONS ARE NOT SHOWN, CHARACTERS SHALL BE SYMMETRICALLY POSITIONED.
8. IDENTIFY WITH DRAWING NUMBER PER ND 1002019.
9. WHEN "AUTO MARK" METAL MARKING TYPEWRITER IS USED TO ADD DATA TO BLANK SPACES, TYPE SIZE IS TO BE SELECTED FROM DIMENSIONS U, AC, AND AM.
10. NASA SYMBOL IS TO BE PROPORTIONAL TO NAMEPLATE IN RATIO OF 1 TO 5 WITH DIMENSION A VALUE AND IS TO HAVE NATURAL BACKGROUND. NASA SYMBOL LETTERS LETTERING AND FEATHER TO BE BLACK, (OR WHITE FOR SILK SCREENING). WHERE BLACK FEATHER PROTRUDES INTO BLACK BACKGROUND, A MINIMUM OUTLINE OF NATURAL BACKGROUND SHALL EXIST.
11. NAMEPLATES WILL BE APPLIED BY METHODS LISTED BELOW, SHOWN IN ORDER OF PREFERENCE, (I.E., FOR RELIABILITY AND BEAUTY).
    A - STENCIL OR SILK SCREEN DIRECTLY ON EQUIPMENT USING INK PER SCD 1010920, (WHITE OR BLACK).
    B - ALUMINUM FOIL, (STYLE A OR B, TYPE I):
        FOIL SHALL BE .0030 ± .0005 THICK PER MIL-A-148.
        FOIL SHALL HAVE NO ADHESIVE BACKING.
        FOIL SHALL BE BONDED PER ND 1002219, (METHOD II).
        FOIL SHALL BE CLEAR ANODIZED PER MIL-A-8625, TYPE II.
    C - PLATE, (STYLE A OR B, TYPE II):
        MATERIAL: QQ-A-250, TEMPER O OR H14, TYPE 1100, ALUMINUM ALLOY, .032 THICK. ANODIZE PER MIL-A-8625, TYPE II.
        ALUMINUM PLATE MUST BE FREE FROM BURRS AND SHARP CORNERS, MOUNTED WITH APPLICABLE SIZE FASTENERS.
12. NAMEPLATES SHALL BE CAPABLE OF MEETING APPLICABLE REQUIREMENTS OF MIL-M-13231.
13. ON DIMENSION TABLES SHOWN ON PAGES 2, 3, 4, 5, AND 6, NA MEANS, "NOT APPLICABLE".



SUGGESTED PROPORTIONS FOR NAMEPLATE DIMENSIONS.
1. SELECT NAMEPLATE LENGTH, DIMENSION "A", TO FIT DESIGN NEEDS.
2. DIMENSIONS B THRU AS ON LINE 1 BELOW ARE PROPORTIONAL TO "A" BY MULTIPLIERS SHOWN IN LINE 2 BELOW.

1.	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS
2.	1.000A	.6563A	.8438A	.6875A	.0391A	.0240A	.0391A	.0469A	.0547A	.0469A	.5938A	.3750A	.2969A	.2187A	.5079A	.0313A	.0938A	.0391A	.4375A	.3594A	.6875A	.1094A	.5781A	.9219A	.0240A	.0156A	.4375A	.1525A	.8391A	.1563A	.8438A	.0548A	.8659A	.0391A	.1563A	.0938A	.9219A	.0151A

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1004260	DK	SHT 1

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
399	K																						
398	K																						
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.187	
309	K																						
308	K																						
307	K						B	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	
306	K						B	II	NOTE 11C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	
305	K						B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	
304	K						B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	
303	K																						
302	K																						
301	K																						
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	
7	K	2-1/2 IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	
6	K	2-1/2 IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	
4	K	S/N SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.781	.593	
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.781	.593	
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1004260 | CL | SHT 2

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
399	K																					
398	K																					
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.187
309	K																					
308	K																					
307	K						B	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.1
306	K						B	II	NOTE 11C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.1
305	K						B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.5
304	K						B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.5
303	K																					
302	K																					
301	K																					
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.4
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.1
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.1
7	K	2-1/2 IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.1
6	K	2-1/2 IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.1
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.1
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.1
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.5
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.5
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.5

NOTES FOR TABLE
STYLE A IS FOR G & M SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M
399	K																				
398	K																				
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468
309	K																				
308	K																				
307	K						B	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468
306	K						B	II	NOTE 11C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468
305	K						B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734
304	K						B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734
303	K																				
302	K																				
301	K																				
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500
7	K	2-1/2 IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500
6	K	2-1/2 IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750

NOTES FOR TABLE

STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M
399	K																				
398	K																				
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.387
309	K																				
308	K																				
307	K						B	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1..
306	K						B	II	NOTE 11C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1..
305	K						B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	..
304	K						B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	..
303	K																				
302	K																				
301	K																				
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	..
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1..
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1..
7	K	2-1/2 IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1..
6	K	2-1/2 IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1..
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1..
4	K	S/N SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1..
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1..
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	..
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	..

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
399	K																					
398	K																					
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.187
309	K																					
308	K																					
307	K						B	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187
306	K						B	II	NOTE 11C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187
305	K						B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593
304	K						B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593
303	K																					
302	K																					
301	K																					
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187
7	K	2-1/2 IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187
6	K	2-1/2 IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187
4	K	S/H SIMULATOR ASSEMBLY		1019696			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
399	K																						
398	K																						
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.187	.906
309	K																						
308	K																						
307	K						B	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906
306	K						B	II	NOTE 11C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906
305	K						B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453
304	K						B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453
303	K																						
302	K																						
301	K																						
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906
7	K	2-1/2 IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906
6	K	2-1/2 IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1004260 CS SHT 2

11/1004260

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
399	K																						
398	K																						
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.187	.904
309	K																						
308	K																						
307	K						B	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.904
306	K						B	II	NOTE 11C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.904
305	K						B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453
304	K						B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453
303	K																						
302	K																						
301	K																						
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.904
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.904
7	K	2-1/2 IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.904
6	K	2-1/2 IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.904
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.904
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.904
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1004260

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
399	K																					
398	K																					
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.187
309	K																					
308	K						B	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187
307	K						B	II	NOTE 11C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187
306	K						B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593
305	K						B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593
304	K																					
303	K																					
302	K																					
301	K																					
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.671
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187
7	K	2-1/2 IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187
6	K	2-1/2 IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187
3	K	REFERENCE MIRROR		100767			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1004260 | CU | SHT 2

1/4100426 0

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
399	K																					
398	K																					
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.18
309	K																					
308	K																					
307	K						B	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187
306	K						B	II	NOTE 11C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187
305	K						B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593
304	K						B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593
303	K																					
302	K																					
301	K																					
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187
7	K	2-1/2 IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187
6	K	2-1/2 IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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1/1004260

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
399	K																					
398	K																					
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187
309	K																					
308	K																					
307	K						B	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187
306	K						B	II	NOTE 11C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187
305	K						B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593
304	K						B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593
303	K																					
302	K																					
301	K																					
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187
7	K	2-1/2 IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187
6	K	2-1/2 IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1004260 | CW | SHT 2

12 1100 42 60

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
399	K																						
398	K																						
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.187	.906	2
309	K																						
308	K																						
307	K						B	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	
306	K						B	II	NOTE 11C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	
305	K						B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	
304	K						B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	
303	K																						
302	K																						
301	K																						
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675	.547	
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	
7	K	2-1/2 IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	
6	K	2-1/2 IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	
4	K	S/N SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
399	K																						
398	K																						
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.187	906
309	K																						
308	K																						
307	K						B	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	906
306	K						B	II	NOTE 11C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	906
305	K						B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593	453
304	K						B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593	453
303	K																						
302	K																						
301	K																						
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.690	812	.675	548
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	906
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	906
7	K	2-1/2 IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	906
6	K	2-1/2 IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	906
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	906
4	K	S/C SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	906
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	453
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	453
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	453

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1/1004260

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
399	K																					
398	K																					
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.62"	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.469	1.18
309	K																					
308	K						B	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.18
307	K						B	II	NOTE 11C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.18
306	K						B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.59
305	K						B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.59
304	K																					
303	K																					
302	K																					
301	K																					
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.18
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.18
7	K	2-1/2 IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.18
6	K	2-1/2 IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.18
5	K	RETRORFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.18
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.18
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.59
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.59
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.59

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1004260 | CA | SHT 2

1/150042 60

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
399	K																					
398	K																					
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.1
309	K																					
308	K																					
307	K						B	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.187
306	K						B	II	NOTE 11C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.187
305	K						B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.593
304	K						B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.593
303	K																					
302	K																					
301	K																					
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.675
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187
7	K	2-1/2 IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187
6	K	2-1/2 IN AUTOCOLLIMATOR (SX*)		1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.187
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.506	1.187
4	K	S/N SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.506	1.187
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1004260 | SIZE B | SHT 2

11/1004260

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M
399	K																				
398	K																				
350	K	ALIGNMENT OPTICAL TELESCOPE (LEW)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.18
309	K																				
308	K																				
307	K						B	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.1
306	K						B	II	NOTE 11C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.1
305	K						B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.5
304	K						B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.5
303	K																				
302	K																				
301	K																				
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.6
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.1
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.1
7	K	2-1/2 IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.1
6	K	2-1/2 IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.1
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.1
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.1
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.5
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.5
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.5

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1004260 DC SHT 2

1741004260

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
399	K																					
398	K																					
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.187	.1
309	K																					
308	K																					
307	K						B	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.18
306	K						B	II	NOTE 11C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.18
305	K						B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.59
304	K						B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.59
303	K																					
302	K																					
301	K																					
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.67
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.18
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.18
7	K	2-1/2 IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.18
6	K	2-1/2 IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.18
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.187
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	M	
399	K																						
398	K																						
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.187	.9
309	K						B	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.18	.90
308	K						B	II	NOTE 11C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.18	.90
307	K						B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.59	.45
306	K						B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.59	.45
305	K																						
304	K																						
303	K																						
302	K																						
301	K																						
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.67	.54
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.18	.90
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.18	.90
7	K	2-1/2 IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.18	.90
6	K	2-1/2 IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.18	.90
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.18	.90
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.18	.90
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.59	.45
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.59	.45
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.59	.45

NOTES FOR TABLE

STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
399	K																					
398	K																					
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.18
309	K						B	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.18
308	K						B	II	NOTE 11C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.18
307	K						B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.59
306	K						B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.59
305	K																					
304	K																					
303	K																					
302	K																					
301	K																					
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.67
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.18
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.18
7	K	2-1/2 IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.18
6	K	2-1/2 IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.18
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.18
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.18
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.59
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.59
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.59

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
399	K																					
398	K																					
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1
309	K						B	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1
308	K						B	II	NOTE 11C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1
307	K						B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	
306	K						B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	
305	K																					
304	K																					
303	K																					
302	K																					
301	K																					
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1
7	K	2-1/2 IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1
6	K	2-1/2 IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

| | | |

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	
399	K																						
398	K																						
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1.1	17
309	K																						
308	K						B	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1.1	17
307	K						B	II	NOTE 11C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1.1	17
306	K						B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.164	.734	.5	13
305	K						B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	.5	13
304	K																						
303	K																						
302	K																						
301	K																						
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	.6	15
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.1	17
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.1	17
7	K	2-1/2 IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.1	17
6	K	2-1/2 IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1.1	17
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.1	17
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1.1	17
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.5	13
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.5	13
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.5	13

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	
399	K																					
398	K																					
350	K	ALIGNMENT OPTICAL TELESCOPE (LEM)		NA	NA	NA	A	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.312	1.468	1
309	K																					
308	K																					
307	K						B	I	NOTE 11B	4.000	2.625	3.375	2.750	.156	.093	.156	.187	NA	NA	2.328	1.468	1
306	K						B	II	NOTE 11C	4.000	2.625	3.375	2.750	.156	.093	.156	.187	.125	.156	2.328	1.468	1
305	K						B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.073	.093	NA	NA	1.164	.734	5
304	K						B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.070	.078	1.164	.734	5
303	K																					
302	K																					
301	K																					
300	K	OPTICAL UNIT		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.675	NA	NA	.048	.078	NA	NA	NA	1.090	.812	6
9	K	2 IN AUTOCOLLIMATOR		1001702			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1
8	K	5 IN AUTOCOLLIMATOR		1017410			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1
7	K	2-1/2 IN AUTOCOLLIMATOR (SCT)		1017435			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1
6	K	2-1/2 IN AUTOCOLLIMATOR (SXT)		1017448			B	II	NOTE 11C	4.000	2.625	3.812	2.750	.156	.093	.156	.187	.125	.156	2.250	1.500	1
5	K	RETROREFLECTING PRISM ASSEMBLY		1019840			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1
4	K	S/H SIMULATOR ASSEMBLY		1019896			B	I	NOTE 11B	4.000	2.625	3.812	2.750	.156	.093	.156	.187	NA	NA	2.250	1.500	1
3	K	REFERENCE MIRROR		1001767			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	5
2	K	2 IN PLANE READING AUTOCOLLIMATOR		1017413			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	5
1	K	2 IN AUTOCOLLIMATOR		1001702			B	I	NOTE 11B	2.000	1.312	1.906	1.375	.073	.048	.078	.093	NA	NA	1.125	.750	5

NOTES FOR TABLE

STYLE A IS FOR G & N SYSTEM
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TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
299	R																						
298	R																						
285	R	BUFFER CIRCUIT ASSY		2014254-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
284	R	LOGIC DRAWER ASSY NO. 2		2014037-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
283	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
282	R	COMPUTER TEST SET		2014042-061	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
281	R	AGC HANDLING FIXTURE		2014282-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
280	R	COMPUTER TEST SET		2014042-051	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
279	R	SELF TEST ASSY		2014366-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
278	R	LOGIC DRAWER ASSY NO. 1		2014036-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
277	R	COMPUTER TEST SET		2014042-041	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
276	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
275	R	DRAWER ASSY RDC INTERFACE		2014045-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
274	R	SELF TEST ASSY		2014366-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
273	R	LOGIC DRAWER ASSY NO. 2		2014037-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
272	R	DRAWING ASSY PROGRAMMER & MONITOR		2014041-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
271	R	LOGIC DRAWER ASSY NO. 1		2014036-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
270	R	COMPUTER TEST SET		2014042-031	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
269	R	POWER CONTROL ASSY		2014044-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
268	R	SELF TEST ASSY		2014366-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
267	R	AGC JUNCTION ASSY		2014341-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
266	R	POWER CONTROL ASSY		2014079-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
265	R	BUFFER CIRCUIT ASSY		2014254-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
264	R	DRAWER ASSY X Y INTERFACE		2014040-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
263	R	DRAWER ASSY RDC INTERFACE		2014045-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
262	R	DRAWER ASSY PROGRAMMER & MONITOR		2014041-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
261	R	LOGIC DRAWER ASSY NO. 2		2014037-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
260	R	LOGIC DRAWER ASSY NO. 1		2014036-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
259	R	OPERATION CONSOLE		2014024-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
258	R	COMPUTER TEST SET		2014042-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
257	R	AUXILIARY CALIBRATION CONSOLE		2014059-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
256	R	AGC CALIBRATION CONSOLE		2014049-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
255	R	AGC HANDLING FIXTURE		2014282-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
254	R	DRAWER ASSY COMP. SIMULATOR		2014048-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
253	R	SHIPPING KIT ASSY, NAV DSKY		2016312-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
252	R	SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
251	R	SHIPPING KIT ASSY, MAIN DSKY		2016313-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
250	R	AMPLIFIER, REMARK		2014388	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
249	R	TEMP MONITOR ASSY		2014313-011	NA	NAS-9-497	B	I	NOTE 11C	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
248	R	AGC JUNCTION ASSY		2014341-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
247	R	AC INPUT PANEL ASSY		2014302-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
246	R	SELF TEST ASSY		2014392-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
243																							
242																							
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 19 VALUES BELOW													
240	R	SELF TEST ASSEMBLY		2014366-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
239	R	POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
238	R	AC INPUT PANEL ASSY		2014043-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
237	R	POWER CONTROL ASSY		2014079-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
236	R	DRAWER ASSY-X Y INTERFACE		2014040-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
235	R	DRAWER ASSY RDC INTERFACE		2014045-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
234	R	BUFFER CIRCUIT ASSY		2014254-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
233	R	CONTROL & INTERFACE ASSY		2014204-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
232	R	POWER CONTROL ASSY		2014044-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
231	R	DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
230	R	CONNECTOR INTERFACE ASSY		2014272-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
229	R	CONNECTOR INTERFACE ASSY		2014047-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
228	R	ANTENNA, TUNING CAPACITOR ASSY		2014209-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
227	R	MOUNTING FIXTURE ASSY		2014006-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
226	R	POWER SUPPLY ASSY 3 VDC		2014234-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
225	R	PANEL ASSY—SIGNAL INTERFACE		2014010-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
224	R	OSCILLOSCOPE ASSY		2014232-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
223	R	AUXILIARY OUTLET ASSY		2014274-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
222	R	FREQUENCY COUNTER		2014233-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
221	R	POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
220	R	LOGIC DRAWER ASSY NO. 2		2014037-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
219	R	LOGIC DRAWER ASSY NO. 1		2014036-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
218	R	COUNTER, ELECTRICAL ASSY		2014288-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
217	R	POWER SUPPLY ASSY		2014279-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
216	R	TEST MOUNT ASSY		2014257-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
215	R	UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
214	R	MAIN DSKY PEDESTAL MOUNT		2014343	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
213	R	SHIPPING CONTAINER, MAIN DSKY		1006229	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
212	R	SHIPPING CONTAINER, NAV DSKY		1006231	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
211	R	SHIPPING CONTAINER, AGC		1006230	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
210	R	SHIPPING CONTAINER, UNIVERSAL DSKY		1006422	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
209	R	SHIPPING CONTAINER, AGC		1006421	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
208	R	UNIVERSAL DSKY HANDLING FIXTURE		2014013-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
207	R	NAV DSKY HANDLING FIXTURE		1014377	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
206	R	MAIN DSKY HANDLING FIXTURE		1014334	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
205	R	AGC HANDLING FIXTURE		2014282-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
204	R	OPERATION CONSOLE		2014024-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
203	R	COMPUTER TEST SET		2014042-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
202	R	DRAWER ASSY, COMPUTER SIMULATOR		2014048-011	NA	FWP-12775	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
201	R	AUXILIARY CALIBRATION CONSOLE		2014059-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
21	R																						
20	R	NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	TYP	.093	1.187	.750	.593	.453
19	R	NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453
18	R	NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	TYP	.125	1.625	1.032	.844	.656
17	R	NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656
16	R	NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	TYP	.093	1.187	.750	.593	.453
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453

NOTES FOR TABLE

STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
299	R																						
298	R																						
285	R	BUFFER CIRCUIT ASSY		2014254-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
284	R	LOGIC DRAWER ASSY NO. 2		2014037-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
283	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
282	R	COMPUTER TEST SET		2014042-061	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
281	R	AGC HANDLING FIXTURE		2014282-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
280	R	COMPUTER TEST SET		2014042-051	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
279	R	SELF TEST ASSY		2014366-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
278	R	LOGIC DRAWER ASSY NO. 1		2014036-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
277	R	COMPUTER TEST SET		2014042-041	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
276	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
275	R	DRAWER ASSY RDC INTERFACE		2014045-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
274	R	SELF TEST ASSY		2014366-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
273	R	LOGIC DRAWER ASSY NO. 2		2014037-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
272	R	DRAWING ASSY PROGRAMMER & MONITOR		2014041-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
271	R	LOGIC DRAWER ASSY NO. 1		2014036-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
270	R	COMPUTER TEST SET		2014042-031	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
269	R	POWER CONTROL ASSY		2014044-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
268	R	SELF TEST ASSY		2014366-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
267	R	AGC JUNCTION ASSY		2014341-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
266	R	POWER CONTROL ASSY		2014079-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
265	R	BUFFER CIRCUIT ASSY		2014254-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
264	R	DRAWER ASSY X Y INTERFACE		2014040-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
263	R	DRAWER ASSY RDC INTERFACE		2014045-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
262	R	DRAWER ASSY PROGRAMMER & MONITOR		2014041-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
261	R	LOGIC DRAWER ASSY NO. 2		2014037-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
260	R	LOGIC DRAWER ASSY NO. 1		2014036-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
259	R	OPERATION CONSOLE		2014024-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
258	R	COMPUTER TEST SET		2014042-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
257	R	AUXILIARY CALIBRATION CONSOLE		2014059-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
256	R	AGC CALIBRATION CONSOLE		2014049-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
255	R	AGC HANDLING FIXTURE		2014282-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
254	R	DRAWER ASSY COMP. SIMULATOR		2014048-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
253	R	SHIPPING KIT ASSY, NAV DSKY		2016312-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
252	R	SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
251	R	SHIPPING KIT ASSY, MAIN DSKY		2016313-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
250	R	AMPLIFIER, REWORK		2014396	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
249	R	TEMP MONITOR ASSY		2014313-011	NA	NAS-9-497	B	I	NOTE 11C	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
248	R	AGC JUNCTION ASSY		2014341-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
247	R	AC INPUT PANEL ASSY		2014302-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
246	R	SELF TEST ASSY		2014392-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
243																							
242																							
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 19 VALUES BELOW													
240	R	SELF TEST ASSEMBLY		2014366-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
239	R	POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
238	R	AC INPUT PANEL ASSY		2014043-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
237	R	POWER CONTROL ASSY		2014079-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
236	R	DRAWER ASSY-X Y INTERFACE		2014040-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
235	R	DRAWER ASSY RDC INTERFACE		2014045-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
234	R	BUFFER CIRCUIT ASSY		2014254-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
233	R	CONTROL & INTERFACE ASSY		2014204-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
232	R	POWER CONTROL ASSY		2014044-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
231	R	DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
230	R	CONNECTOR INTERFACE ASSY		2014272-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
229	R	CONNECTOR INTERFACE ASSY		2014047-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
228	R	ANTENNA, TUNING CAPACITOR ASSY		2014209-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
227	R	MOUNTING FIXTURE ASSY		2014006-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
226	R	POWER SUPPLY ASSY 3 VDC		2014234-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
225	R	PANEL ASSY-SIGNAL INTERFACE		2014010-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
224	R	OSCILLOSCOPE ASSY		2014232-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
223	R	AUXILIARY OUTLET ASSY		2014274-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
222	R	FREQUENCY COUNTER		2014233-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
221	R	POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
220	R	LOGIC DRAWER ASSY NO. 2		2014037-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
219	R	LOGIC DRAWER ASSY NO. 1		2014036-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
218	R	COUNTER, ELECTRICAL ASSY		2014288-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
217	R	POWER SUPPLY ASSY		2014279-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
216	R	TEST MOUNT ASSY		2014257-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
215	R	UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
214	R	MAIN DSKY PEDESTAL MOUNT		2014343	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
213	R	SHIPPING CONTAINER, MAIN DSKY		1006229	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
212	R	SHIPPING CONTAINER, NAV DSKY		1006231	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
211	R	SHIPPING CONTAINER, AGC		1006230	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
210	R	SHIPPING CONTAINER, UNIVERSAL DSKY		1006422	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
209	R	SHIPPING CONTAINER, AGC		1006421	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
208	R	UNIVERSAL DSKY HANDLING FIXTURE		2014013-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
207	R	NAV DSKY HANDLING FIXTURE		1014377	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
206	R	MAIN DSKY HANDLING FIXTURE		1014334	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
205	R	AGC HANDLING FIXTURE		2014282-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
204	R	OPERATION CONSOLE		2014024-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
203	R	COMPUTER TEST SET		2014042-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
202	R	DRAWER ASSY, COMPUTER SIMULATOR		2014048-011	NA	FNF-12775	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
201	R	AUXILIARY CALIBRATION CONSOLE		2014059-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
21	R																						
20	R	NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	TYP	.093	1.187	.750	.593	453
19	R	NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	453
18	R	NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	TYP	.125	1.625	1.032	.844	656
17	R	NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	656
16	R	NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	TYP	.093	1.187	.750	.593	453
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	453

NOTES FOR TABLE

STYLE A IS FOR C & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SCR. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
299	R																					
298	R																					
285	R	BUFFER CIRCUIT ASSY		2014254-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
284	R	LOGIC DRAWER ASSY NO. 2		2014037-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
283	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
282	R	COMPUTER TEST SET		2014042-061	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
281	R	AGC HANDLING FIXTURE		2014282-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
280	R	COMPUTER TEST SET		2014042-051	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
279	R	SELF TEST ASSY		2014366-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
278	R	LOGIC DRAWER ASSY NO. 1		2014036-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
277	R	COMPUTER TEST SET		2014042-041	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
276	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
275	R	DRAWER ASSY RDC INTERFACE		2014045-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
274	R	SELF TEST ASSY		2014366-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
273	R	LOGIC DRAWER ASSY NO. 2		2014037-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
272	R	DRAWING ASSY PROGRAMMER & MONITOR		2014041-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
271	R	LOGIC DRAWER ASSY NO. 1		2014036-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
270	R	COMPUTER TEST SET		2014042-031	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
269	R	POWER CONTROL ASSY		2014044-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
268	R	SELF TEST ASSY		2014366-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
267	R	AGC JUNCTION ASSY		2014341-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
266	R	POWER CONTROL ASSY		2014079-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
265	R	BUFFER CIRCUIT ASSY		2014254-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
264	R	DRAWER ASSY X Y INTERFACE		2014040-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
263	R	DRAWER ASSY RDC INTERFACE		2014045-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
262	R	DRAWER ASSY PROGRAMMER & MONITOR		2014041-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
261	R	LOGIC DRAWER ASSY NO. 2		2014037-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
260	R	LOGIC DRAWER ASSY NO. 1		2014036-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
259	R	OPERATION CONSOLE		2014024-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
258	R	COMPUTER TEST SET		2014042-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
257	R	AUXILIARY CALIBRATION CONSOLE		2014059-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
256	R	AGC CALIBRATION CONSOLE		2014049-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
255	R	AGC HANDLING FIXTURE		2014282-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
254	R	DRAWER ASSY COMP. SIMULATOR		2014048-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
253	R	SHIPPING KIT ASSY, NAV DSKY		2016312-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
252	R	SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
251	R	SHIPPING KIT ASSY, MAIN DSKY		2016313-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
250	R	AMPLIFIER, REWORK		2014386	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
249	R	TEMP MONITOR ASSY		2014313-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
248	R	AGC JUNCTION ASSY		2014341-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
247	R	AC INPUT PANEL ASSY		2014302-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
246	R	SELF TEST ASSY		2014392-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
243																						
242																						
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 19 VALUES BELOW												
240	R	SELF TEST ASSEMBLY		2014366-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
239	R	POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
238	R	AC INPUT PANEL ASSY		2014043-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
237	R	POWER CONTROL ASSY		2014079-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
236	R	DRAWER ASSY-X Y INTERFACE		2014040-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
235	R	DRAWER ASSY RDC INTERFACE		2014045-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
234	R	BUFFER CIRCUIT ASSY		2014254-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
233	R	CONTROL & INTERFACE ASSY		2014204-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
232	R	POWER CONTROL ASSY		2014044-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
231	R	DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
230	R	CONNECTOR INTERFACE ASSY		2014272-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
229	R	CONNECTOR INTERFACE ASSY		2014047-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
228	R	ANTENNA, TUNING CAPACITOR ASSY		2014209-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
227	R	MOUNTING FIXTURE ASSY		2014006-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
226	R	POWER SUPPLY ASSY 3 VDC		2014234-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
225	R	PANEL ASSY-SIGNAL INTERFACE		2014010-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
224	R	OSCILLOSCOPE ASSY		2014232-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
223	R	AUXILIARY OUTLET ASSY		2014276-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
222	R	FREQUENCY COUNTER		2014233-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
221	R	POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
220	R	LOGIC DRAWER ASSY NO. 2		2014037-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
219	R	LOGIC DRAWER ASSY NO. 1		2014036-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
218	R	COUNTER, ELECTRICAL ASSY		2014288-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
217	R	POWER SUPPLY ASSY		2014279-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
216	R	TEST MOUNT ASSY		2014257-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
215	R	UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
214	R	MAIN DSKY PEDESTAL MOUNT		2014343	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
213	R	SHIPPING CONTAINER, MAIN DSKY		1006229	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
212	R	SHIPPING CONTAINER, NAV DSKY		1006231	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
211	R	SHIPPING CONTAINER, AGC		1006230	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
210	R	SHIPPING CONTAINER, UNIVERSAL DSKY		1006422	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
209	R	SHIPPING CONTAINER, AGC		1006421	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
208	R	UNIVERSAL DSKY HANDLING FIXTURE		2014013-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
207	R	NAV DSKY HANDLING FIXTURE		1014377	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
206	R	MAIN DSKY HANDLING FIXTURE		1014334	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
205	R	AGC HANDLING FIXTURE		2014282-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
204	R	OPERATION CONSOLE		2014024-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
203	R	COMPUTER TEST SET		2014042-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
202	R	DRAWER ASSY, COMPUTER SIMULATOR		2014048-011	NA	FWP-12775	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
201	R	AUXILIARY CALIBRATION CONSOLE		2014059-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
21	R																					
20	R	NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	TYP	.093	1.187	.750	.593
19	R	NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593
18	R	NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	TYP	.125	1.625	1.032	.844
17	R	NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844
16	R	NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	TYP	.093	1.187	.750	.593
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593

NOTES FOR TABLE

STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONF. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
299	R																						
298	R																						
285	R	BUFFER CIRCUIT ASSY		2014254-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
284	R	LOGIC DRAWER ASSY NO. 2		2014037-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
283	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
282	R	COMPUTER TEST SET		2014042-061	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
281	R	AGC HANDLING FIXTURE		2014282-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
280	R	COMPUTER TEST SET		2014042-051	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
279	R	SELF TEST ASSY		2014366-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
278	R	LOGIC DRAWER ASSY NO. 1		2014036-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
277	R	COMPUTER TEST SET		2014042-041	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
276	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
275	R	DRAWER ASSY RDC INTERFACE		2014045-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
274	R	SELF TEST ASSY		2014366-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
273	R	LOGIC DRAWER ASSY NO. 2		2014037-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
272	R	DRAWING ASSY PROGRAMMER & MONITOR		2014041-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
271	R	LOGIC DRAWER ASSY NO. 1		2014036-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
270	R	COMPUTER TEST SET		2014042-031	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
269	R	POWER CONTROL ASSY		2014044-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
268	R	SELF TEST ASSY		2014366-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
267	R	AGC JUNCTION ASSY		2014341-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
266	R	POWER CONTROL ASSY		2014079-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
265	R	BUFFER CIRCUIT ASSY		2014254-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
264	R	DRAWER ASSY X Y INTERFACE		2014040-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
263	R	DRAWER ASSY RDC INTERFACE		2014045-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
262	R	DRAWER ASSY PROGRAMMER & MONITOR		2014041-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
261	R	LOGIC DRAWER ASSY NO. 2		2014037-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
260	R	LOGIC DRAWER ASSY NO. 1		2014036-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
259	R	OPERATION CONSOLE		2014024-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
258	R	COMPUTER TEST SET		2014042-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
257	R	AUXILIARY CALIBRATION CONSOLE		2014059-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
256	R	AGC CALIBRATION CONSOLE		2014049-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
255	R	AGC HANDLING FIXTURE		2014282-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
254	R	DRAWER ASSY COMP. SIMULATOR		2014048-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
253	R	SHIPPING KIT ASSY, NAV DSKY		2016312-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
252	R	SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
251	R	SHIPPING KIT ASSY, MAIN DSKY		2016313-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
250	R	AMPLIFIER, REWORK		2014386	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
249	R	TEMP MONITOR ASSY		2014313-011	NA	NAS-9-497	B	I	NOTE 11C	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
248	R	AGC JUNCTION ASSY		2014341-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
247	R	AC INPUT PANEL ASSY		2014302-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
246	R	SELF TEST ASSY		2014392-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
243																							
242																							
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 19 VALUES BELOW													
240	R	SELF TEST ASSEMBLY		2014366-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
239	R	POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011	NA	NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
238	R	AC INPUT PANEL ASSY		2014043-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
237	R	POWER CONTROL ASSY		2014079-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
236	R	DRAWER ASSY-X Y INTERFACE		2014040-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
235	R	DRAWER ASSY RDC INTERFACE		2014045-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
234	R	BUFFER CIRCUIT ASSY		2014254-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
233	R	CONTROL & INTERFACE ASSY		2014204-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
232	R	POWER CONTROL ASSY		2014044-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
231	R	DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
230	R	CONNECTOR INTERFACE ASSY		2014272-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
229	R	CONNECTOR INTERFACE ASSY		2014047-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
228	R	ANTENNA, TUNING CAPACITOR ASSY		2014209-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
227	R	MOUNTING FIXTURE ASSY		2014006-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
226	R	POWER SUPPLY ASSY 3 VDC		2014234-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
225	R	PANEL ASSY—SIGNAL INTERFACE		2014010-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
224	R	OSCILLOSCOPE ASSY		2014232-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
223	R	AUXILIARY OUTLET ASSY		2014274-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
222	R	FREQUENCY COUNTER		2014233-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
221	R	POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
220	R	LOGIC DRAWER ASSY NO. 2		2014037-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
219	R	LOGIC DRAWER ASSY NO. 1		2014036-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
218	R	COUNTER, ELECTRICAL ASSY		2014288-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
217	R	POWER SUPPLY ASSY		2014279-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
216	R	TEST MOUNT ASSY		2014257-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
215	R	UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
214	R	MAIN DSKY PEDESTAL MOUNT		2014343	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
213	R	SHIPPING CONTAINER, MAIN DSKY		1006229	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
212	R	SHIPPING CONTAINER, NAV DSKY		1006231	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
211	R	SHIPPING CONTAINER, AGC		1006230	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
210	R	SHIPPING CONTAINER, UNIVERSAL DSKY		1006422	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
209	R	SHIPPING CONTAINER, AGC		1006421	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
208	R	UNIVERSAL DSKY HANDLING FIXTURE		2014013-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
207	R	NAV DSKY HANDLING FIXTURE		1014377	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
206	R	MAIN DSKY HANDLING FIXTURE		1014334	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
205	R	AGC HANDLING FIXTURE		2014282-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
204	R	OPERATION CONSOLE		2014024-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
203	R	COMPUTER TEST SET		2014042-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
202	R	DRAWER ASSY, COMPUTER SIMULATOR		2014048-011	NA	FWP-12775	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
201	R	AUXILIARY CALIBRATION CONSOLE		2014059-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
21	R																						
20	R	NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093	.093	1.187	.750	.593	.45
19	R	NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.45
18	R	NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	.125	.125	1.625	1.032	.844	.65
17	R	NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.65
16	R	NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	.093	.093	1.187	.750	.593	.45
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.45

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TYPE II IS WITH MOUNTING HOLES

1004260 CR SHT 3

1-A1004260

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R
299	R																							
298	R																							
285	R	BUFFER CIRCUIT ASSY		2014254-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
284	R	LOGIC DRAWER ASSY NO. 2		2014037-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
283	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
282	R	COMPUTER TEST SET		2014042-061	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
281	R	AGC HANDLING FIXTURE		2014282-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
280	R	COMPUTER TEST SET		2014042-051	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
279	R	SELF TEST ASSY		2014366-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
278	R	LOGIC DRAWER ASSY NO. 1		2014036-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
277	R	COMPUTER TEST SET		2014042-041	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
276	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
275	R	DRAWER ASSY RDC INTERFACE		2014045-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
274	R	SELF TEST ASSY		2014366-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
273	R	LOGIC DRAWER ASSY NO. 2		2014037-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
272	R	DRAWING ASS: PROGRAMMER & MONITOR		2014041-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
271	R	LOGIC DRAWER ASSY NO. 1		2014036-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
270	R	COMPUTER TEST SET		2014042-031	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
269	R	POWER CONTROL ASSY		2014044-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
268	R	SELF TEST ASSY		2014366-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
267	R	AGC JUNCTION ASSY		2014341-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
266	R	POWER CONTROL ASSY		2014079-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
265	R	BUFFER CIRCUIT ASSY		2014254-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
264	R	DRAWER ASSY X Y INTERFACE		2014040-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
263	R	DRAWER ASSY RDC INTERFACE		2014045-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
262	R	DRAWER ASSY PROGRAMMER & MONITOR		2014041-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
261	R	LOGIC DRAWER ASSY NO. 2		2014037-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
260	R	LOGIC DRAWER ASSY NO. 1		2014036-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
259	R	OPERATION CONSOLE		2014024-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
258	R	COMPUTER TEST SET		2014042-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
257	R	AUXILIARY CALIBRATION CONSOLE		2014055-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
256	R	AGC CALIBRATION CONSOLE		2014049-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
255	R	AGC HANDLING FIXTURE		2014282-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
254	R	DRAWER ASSY COMP. SIMULATOR		2014048-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
253	R	SHIPPING KIT ASSY, NAV DSKY		2016312-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
252	R	SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
251	R	SHIPPING KIT ASSY, MAIN DSKY		2016313-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
250	R	AMPLIFIER, REWORK		2014396	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
249	R	FILTER ASSY		2014313-011	NA	NAS-9-497	B	I	NOTE 11C	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
248	R	AGC JUNCTION ASSY		2014341-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
247	R	AC INPUT PANEL ASSY		2014302-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
246	R	SELF TEST ASSY		2014392-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
243																								
242																								
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 19 VALUES BELOW														
240	R	SELF TEST ASSEMBLY		2014366-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
239	R	POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
238	R	AC INPUT PANEL ASSY		2014043-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
237	R	POWER CONTROL ASSY		2014079-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
236	R	DRAWER ASSY-X Y INTERFACE		2014040-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
235	R	DRAWER ASSY RDC INTERFACE		2014045-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
234	R	BUFFER CIRCUIT ASSY		2014254-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
233	R	CONTROL & INTERFACE ASSY		2014204-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
232	R	POWER CONTROL ASSY		2014044-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
231	R	DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
230	R	CONNECTOR INTERFACE ASSY		2014212-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
229	R	CONNECTOR INTERFACE ASSY		2014047-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
228	R	ANTENNA, TUNING CAPACITOR ASSY		2014209-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
227	R	MOUNTING FIXTURE ASSY		2014006-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
226	R	POWER SUPPLY ASSY 3 VDC		2014234-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
225	R	PANEL ASSY—SIGNAL INTERFACE		2014010-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
224	R	OSCILLOSCOPE ASSY		2014232-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
223	R	AUXILIARY OUTLET ASSY		2014274-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
222	R	FREQUENCY COUNTER		2014233-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
221	R	POWER SUPPLY ASSY TO, 13, 28 VDC		2014235-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
220	R	LOGIC DRAWER ASSY NO. 2		2014037-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
219	R	LOGIC DRAWER ASSY NO. 1		2014036-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
218	R	COUNTER, ELECTRICAL ASSY		2014286-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
217	R	POWER SUPPLY ASSY		2014279-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
216	R	TEST MOUNT ASSY		2014257-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
215	R	UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
214	R	MAIN DSKY PEDESTAL MOUNT		2014343	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
213	R	SHIPPING CONTAINER, MAIN DSKY		1006229	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
212	R	SHIPPING CONTAINER, NAV DSKY		1006231	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
211	R	SHIPPING CONTAINER, AGC		1006230	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
210	R	SHIPPING CONTAINER, UNIVERSAL DSKY		1006422	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
209	R	SHIPPING CONTAINER, AGC		1006421	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
208	R	UNIVERSAL DSKY HANDLING FIXTURE		2014013-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
207	R	NAV DSKY HANDLING FIXTURE		1014377	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
206	R	MAIN DSKY HANDLING FIXTURE		1014334	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
205	R	AGC HANDLING FIXTURE		2014282-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
204	R	OPERATION CONSOLE		2014024-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
203	R	COMPUTER TEST SET		2014042-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
202	R	DRAWER ASSY, COMPUTER SIMULATOR		2014048-011	NA	FWP-12775	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
201	R	AUXILIARY CALIBRATION CONSOLE		2014059-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
21	R																							
20	R	NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	MIN	.093	1.187	.750	.593	.451	1.0
19	R	NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	MIN	NA	1.187	.750	.593	.451	1.0
18	R	NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	MIN	.125	1.625	1.032	.844	.65	1.4
17	R	NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	MIN	NA	1.625	1.032	.844	.65	1.4
16	R	NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	MIN	.093	1.187	.750	.593	.451	1.0
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	MIN	NA	1.187	.750	.593	.451	1.0

NOTES FOR TABLE

STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1004260 CS SHT 3

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
299	R																						
298	R																						
291	R	BUFFER CIRCUIT ASSY		2014254-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
290	P	LOGIC DRAWER ASSY NO 2		2014037-051	NA	NAS-9 497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
289	R	SELF TEST ASSY		2014392-021	NA	NAS-9 497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
288	P	LOGIC DRAWER ASSY NO.1		2014036-051	NA	NAS-9 497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
287	R	COMPUTER TEST SET		2014042-071	NA	NAS-9 497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
286	R	DRAWER ASSY PROGRAM & MONITOR		2014041-061	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
285	R	BUFFER CIRCUIT ASSY		2014254-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
284	R	LOGIC DRAWER ASSY NO. 2		2014037-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
283	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
282	R	COMPUTER TEST SET		2014042-061	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
281	R	AGC HANDLING FIXTURE		2014282-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
280	R	COMPUTER TEST SET		2014042-051	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
279	R	SELF TEST ASSY		2014366-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
278	R	LOGIC DRAWER ASSY NO, 1		2014036-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
277	R	COMPUTER TEST SET		2014042-041	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
276	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
275	R	DRAWER ASSY RDC INTERFACE		2014045-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
274	R	SELF TEST ASSY		2014366-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
273	R	LOGIC DRAWER ASSY NO. 2		2014037-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
272	R	DRAWING ASSY PROGRAMMER & MONITOR		2014041-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
271	R	LOGIC DRAWER ASSY NO, 1		2014036-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
270	R	COMPUTER TEST SET		2014042-031	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
269	R	POWER CONTROL ASSY		2014044-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
268	R	SELF TEST ASSY		2014366-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
267	R	AGC JUNCTION ASSY		2014341-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
266	R	POWER CONTROL ASSY		2014079-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
265	R	BUFFER CIRCUIT ASSY		2014254-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
264	R	DRAWER ASSY X Y INTERFACE		2014040-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
263	R	DRAWER ASSY RDC INTERFACE		2014045-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
262	R	DRAWER ASSY PROGRAMMER & MONITOR		2014041-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
261	R	LOGIC DRAWER ASSY NO. 2		2014037-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
260	R	LOGIC DRAWER ASSY NO. 1		2014036-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
259	R	OPERATION CONSOLE		2014024-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
258	R	COMPUTER TEST SET		2014042-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
257	R	AUXILIARY CALIBRATION CONSOLE		2014059-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
256	R	AGC CALIBRATION CONSOLE		2014049-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
255	R	AGC HANDLING FIXTURE		2014282-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEL DASH 17 VALUES BELOW													
254	R	DRAWER ASSY COMP. SIMULATOR		2014048-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
253	R	SHIPPING KIT ASSY, NAV DSKY		2016312-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
252	R	SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
251	R	SHIPPING KIT ASSY, MAIN DSKY		2016313-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
250	R	AMPLIFIER, REWORK		2014386	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
249	R	TEMP MONITOR ASSY		2014313-011	NA	NAS-9-497	B	I	NOTE 11C	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
248	R	AGC JUNCTION ASSY		2014341-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
247	R	AC INPUT PANEL ASSY		2014302-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
246	R	SELF TEST ASSY		2014392-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
243																							
242																							
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 19 VALUES BELOW													
240	R	SELF TEST ASSEMBLY		2014366-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
239	R	POWER SUPPLY ASSY-115V,, 400 CYCLE		2014207-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
238	R	AC INPUT PANEL ASSY		2014043-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
237	R	POWER CONTROL ASSY		2014079-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
236	R	DRAWER ASSY-X Y INTERFACE		2014040-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
235	R	DRAWER ASSY RDC INTERFACE		2014045-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
234	R	BUFFER CIRCUIT ASSY		2014254-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
233	R	CONTROL & INTERFACE ASSY		2014204-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
232	R	POWER CONTROL ASSY		2014044-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
231	R	DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
230	R	CONNECTOR INTERFACE ASSY		2014272-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
229	R	CONNECTOR INTERFACE ASSY		2014047-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
228	R	ANTENNA, TUNING CAPACITOR ASSY		2014209-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
227	R	MOUNTING FIXTURE ASSY		2014006-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
226	R	POWER SUPPLY ASSY 3 VDC		2014234-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
225	R	PANEL ASSY-SIGNAL INTERFACE		2014010-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
224	R	OSCILLOSCOPE ASSY		2014232-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
223	R	AUXILIARY OUTLET ASSY		2014274-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
222	R	FREQUENCY COUNTER		2014233-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
221	R	POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
220	R	LOGIC DRAWER ASSY NO. 2		2014037-01	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
219	R	LOGIC DRAWER ASSY NO, 1		2014036-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
218	R	COUNTER, ELECTRICAL ASSY		2014288-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
217	R	POWER SUPPLY ASSY		2014279-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
216	R	TEST MOUNT ASSY		2014257-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
215	R	UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
214	R	MAIN DSKY PEDESTAL MOUNT		2014343	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
213	R	SHIPPING CONTAINER, MAIN DSKY		1006229	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
212	R	SHIPPING CONTAINER, NAV DSKY		1006231	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
211	R	SHIPPING CONTAINER, AGC		1006230	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
210	R	SHIPPING CONTAINER, UNIVERSAL DSKY		1006422	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
209	R	SHIPPING CONTAINER, AGC		1006421	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
208	R	UNIVERSAL DSKY HANDLING FIXTURE		2014313-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
207	R	NAV DSKY HANDLING FIXTURE		1014377	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
206	R	MAIN DSKY HANDLING FIXTURE		1014334	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
205	R	AGC HANDLING FIXTURE		2014282-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
204	R	OPERATION CONSOLE		2014024-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
203	R	COMPUTER TEST SET		2014042-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
202	R	DRAWER ASSY, COMPUTER SIMULATOR		2014048-011	NA	FNP-12775	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
201	R	AUXILIARY CALIBRATION CONSOLE		2014059-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
21	R																						
20	R	NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	.093	1.187	.750	.593	.453
19	R	NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453
18	R	NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	.125	1.625	1.032	.844	.656
17	R	NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656
16	R	NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	.093	1.187	.750	.593	.453
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453

NOTES FOR TABLE

STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
299	R																					
298	R																					
297	R	BUFFER CIRCUIT ASSY		2014254-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
296	R	LOGIC DRAWER ASSY NO 2		2014037-051	NA	NAS-9 497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
295	R	SELF TEST ASSY		2014392-021	NA	NAS-9 497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
294	P	LOGIC DRAWER ASSY NO.1		2014036-051	NA	NAS-9 497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
293	R	COMPUTER TEST SET		2014042-071	NA	NAS-9 497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
292	R	DRAWER ASSY PROGRAM & MONITOR		2014041-061	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
291	R	BUFFER CIRCUIT ASSY		2014254-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
290	R	LOGIC DRAWER ASSY NO. 2		2014037-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
289	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
288	R	COMPUTER TEST SET		2014042-061	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
287	R	AGC HANDLING FIXTURE		2014282-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
286	R	COMPUTER TEST SET		2014042-051	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
285	R	SELF TEST ASSY		2014366-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
284	R	PARITY BOARD ASSY NO. 1		2014366-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
283	R	COMPUTER TEST SET		2014042-041	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
282	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
281	R	DRAWER ASSY RDC INTERFACE		2014045-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
280	R	SELF TEST ASSY		2014366-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
279	R	LOGIC DRAWER ASSY NO. 2		2014037-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
278	R	DRAWING ASSY PROGRAMMER & MONITOR		2014041-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
277	R	LOGIC DRAWER ASSY NO. 1		2014036-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
276	R	COMPUTER TEST SET		2014042-031	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
275	R	POWER CONTROL ASSY		2014044-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
274	R	SELF TEST ASSY		2014366-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
273	R	AGC JUNCTION ASSY		2014341-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
272	R	POWER CONTROL ASSY		2014079-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
271	R	BUFFER CIRCUIT ASSY		2014254-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
270	R	DRAWER ASSY X Y INTERFACE		2014040-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
269	R	DRAWER ASSY RDC INTERFACE		2014045-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
268	R	DRAWER ASSY PROGRAMMER & MONITOR		2014041-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
267	R	LOGIC DRAWER ASSY NO. 2		2014037-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
266	R	LOGIC DRAWER ASSY NO. 1		2014036-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
265	R	OPERATION CONSOLE		2014024-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
264	R	COMPUTER TEST SET		2014042-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
263	R	AUXILIARY CALIBRATION CONSOLE		2014059-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
262	R	AGC CALIBRATION CONSOLE		2014049-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
261	R	AGC HANDLING FIXTURE		2014282-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
260	R	DRAWER ASSY COMP. SIMULATOR		2014048-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
259	R	SHIPPING KIT ASSY, NAV DSKY		2016312-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
258	R	SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
257	R	SHIPPING KIT ASSY, MAIN DSKY		2016313-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
256	R	AMPLIFIER, REWORK		2014386	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
255	R	TEMP MONITOR ASSY		2014313-011	NA	NAS-9-497	B	I	NOTE 11C	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
254	R	AGC JUNCTION ASSY		2014341-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
253	R	AC INPUT PANEL ASSY		2014302-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
252	R	SELF TEST ASSY		2014392-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
251	R	TAPE PUNCH ASSEMBLY		2014039-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
250	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
243																						
242																						
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 19 VALUES BELOW												
240	R	SELF TEST ASSEMBLY		2014366-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
239	R	POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
238	R	AC INPUT PANEL ASSY		2014043-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
237	R	POWER CONTROL ASSY		2014079-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
236	R	DRAWER ASSY-X Y INTERFACE		2014040-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
235	R	DRAWER ASSY RDC INTERFACE		2014045-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
234	R	BUFFER CIRCUIT ASSY		2014254-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
233	R	CONTROL & INTERFACE ASSY		2014204-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
232	R	POWER CONTROL ASSY		2014044-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
231	R	DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
230	R	CONNECTOR INTERFACE ASSY		2014272-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
229	R	CONNECTOR INTERFACE ASSY		2014047-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
228	R	ANTENNA, TUNING CAPACITOR ASSY		2014209-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
227	R	MOUNTING FIXTURE ASSY		2014006-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
226	R	POWER SUPPLY ASSY 3 VDC		2014234-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
225	R	PANEL ASSY—SIGNAL INTERFACE		2014010-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
224	R	OSCILLOSCOPE ASSY		2014232-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
223	R	AUXILIARY OUTLET ASSY		2014274-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
222	R	FREQUENCY COUNTER		2014233-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
221	R	POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
220	R	LOGIC DRAWER ASSY NO. 2		2014037-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
219	R	LOGIC DRAWER ASSY NO. 1		2014036-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
218	R	COUNTER, ELECTRICAL ASSY		2014288-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
217	R	POWER SUPPLY ASSY		2014279-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
216	R	TEST MOUNT ASSY		2014257-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
215	R	UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
214	R	MAIN DSKY PEDESTAL MOUNT		2014343	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
213	R	SHIPPING CONTAINER, MAIN DSKY		1006229	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
212	R	SHIPPING CONTAINER, NAV DSKY		1006231	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
211	R	SHIPPING CONTAINER, AGC		1006230	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
210	R	SHIPPING CONTAINER, UNIVERSAL DSKY		1006422	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
209	R	SHIPPING CONTAINER, AGC		1006421	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
208	R	UNIVERSAL DSKY HANDLING FIXTURE		2014013-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
207	R	NAV DSKY HANDLING FIXTURE		1014377	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
206	R	MAIN DSKY HANDLING FIXTURE		1014336	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
205	R	AGC HANDLING FIXTURE		2014282-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
204	R	OPERATION CONSOLE		2014024-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
203	R	COMPUTER TEST SET		2014042-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
202	R	DRAWER ASSY, COMPUTER SIMULATOR		2014048-011	NA	FNP-12775	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
201	R	AUXILIARY CALIBRATION CONSOLE		2014059-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
21	R																					
20	R	NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	1/2	.093	1.187	.750	.593
19	R	NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593
18	R	NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	1/2	.125	1.625	1.032	.844
17	R	NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844
16	R	NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	1/2	.093	1.187	.750	.593
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593

NOTES FOR TABLE

STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
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TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
299	R																					
298	R																					
297																						
296																						
295																						
294																						
293																						
292																						
291	R	BUFFER CIRCUIT ASSY		2014254-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
290	R	LOGIC DRAWER ASSY NO. 2		2014037-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
289	R	SELF TEST ASSY		2014392-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
288	R	LOGIC DRAWER ASSY NO. 1		2014036-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
287	R	COMPUTER TEST SET		2014042-071	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
286	R	DRAWER ASSY PROGRAM & MONITOR		2014041-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
285	R	BUFFER CIRCUIT ASSY		2014254-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
284	R	LOGIC DRAWER ASSY NO. 2		2014037-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
283	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
282	R	COMPUTER TEST SET		2014042-061	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
281	R	AGC HANDLING FIXTURE		2014282-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
280	R	COMPUTER TEST SET		2014042-051	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
279	R	SELF TEST ASSY		2014366-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
278	R	LOGIC DRAWER ASSY NO. 1		2014036-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
277	R	COMPUTER TEST SET		2014042-041	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
276	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
275	R	DRAWER ASSY RDC INTERFACE		2014045-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
274	R	SELF TEST ASSY		2014366-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
273	R	LOGIC DRAWER ASSY NO. 2		2014037-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
272	R	DRAWING ASSY PROGRAMMER & MONITOR		2014041-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
271	R	LOGIC DRAWER ASSY NO. 1		2014036-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
270	R	COMPUTER TEST SET		2014042-031	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
269	R	POWER CONTROL ASSY		2014044-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
268	R	SELF TEST ASSY		2014366-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
267	R	AGC JUNCTION ASSY		2014341-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
266	R	POWER CONTROL ASSY		2014079-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
265	R	BUFFER CIRCUIT ASSY		2014254-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
264	R	DRAWER ASSY X Y INTERFACE		2014040-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
263	R	DRAWER ASSY RDC INTERFACE		2014045-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
262	R	DRAWER ASSY PROGRAMMER & MONITOR		2014041-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
261	R	LOGIC DRAWER ASSY NO. 2		2014037-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
260	R	LOGIC DRAWER ASSY NO. 1		2014036-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
259	R	OPERATION CONSOLE		2014024-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
258	R	COMPUTER TEST SET		2014042-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
257	R	AUXILIARY CALIBRATION CONSOLE		2014059-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
256	R	AGC CALIBRATION CONSOLE		2014049-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
255	R	AGC HANDLING FIXTURE		2014282-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
254	R	DRAWER ASSY COMP. SIMULATOR		2014048-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
253	R	SHIPPING KIT ASSY, NAV DSKY		2016312-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
252	R	SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
251	R	SHIPPING KIT ASSY, MAIN DSKY		2016315-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
250	R	AMPLIFIER, REWORK		2014386	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
249	R	TEMP MONITOR ASSY		2014313-011	NA	NAS-9-497	B	I	NOTE 11C	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
248	R	AGC JUNCTION ASSY		2014341-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
247	R	AC INPUT PANEL ASSY		2014302-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
246	R	SELF TEST ASSY		2014392-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
243																						
242																						
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 19 VALUES BELOW												
240	R	SELF TEST ASSEMBLY		2014366-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
239	R	POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
238	R	AC INPUT PANEL ASSY		2014043-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
237	R	POWER CONTROL ASSY		2014079-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
236	R	DRAWER ASSY-X Y INTERFACE		2014040-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
235	R	DRAWER ASSY RDC INTERFACE		2014045-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
234	R	BUFFER CIRCUIT ASSY		2014254-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
233	R	CONTROL & INTERFACE ASSY		2014204-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
232	R	POWER CONTROL ASSY		2014044-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
231	R	DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
230	R	CONNECTOR INTERFACE ASSY		2014272-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
229	R	CONNECTOR INTERFACE ASSY		2014047-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
228	R	ANTENNA, TUNING CAPACITOR ASSY		2014209-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
227	R	MOUNTING FIXTURE ASSY		2014006-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
226	R	POWER SUPPLY ASSY 3 VDC		2014234-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
225	R	PANEL ASSY—SIGNAL INTERFACE		2014010-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
224	R	OSCILLOSCOPE ASSY		2014232-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
223	R	AUXILIARY OUTLET ASSY		2014274-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
222	R	FREQUENCY COUNTER		2014233-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
221	R	POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
220	R	LOGIC DRAWER ASSY NO. 2		2014037-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
219	R	LOGIC DRAWER ASSY NO. 1		2014036-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
218	R	COUNTER, ELECTRICAL ASSY		2014288-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
217	R	POWER SUPPLY ASSY		2014279-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
216	R	TEST MOUNT ASSY		2014257-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
215	R	UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
214	R	MAIN DSKY PEDESTAL MOUNT		2014343	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
213	R	SHIPPING CONTAINER, MAIN DSKY		1006229	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
212	R	SHIPPING CONTAINER, NAV DSKY		1006231	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
211	R	SHIPPING CONTAINER, AGC		1006230	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
210	R	SHIPPING CONTAINER, UNIVERSAL DSKY		1006422	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
209	R	SHIPPING CONTAINER, AGC		1006421	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
208	R	UNIVERSAL DSKY HANDLING FIXTURE		2014013-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
207	R	NAV DSKY HANDLING FIXTURE		1014377	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
206	R	MAIN DSKY HANDLING FIXTURE		1014334	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
205	R	AGC HANDLING FIXTURE		2014282-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
204	R	OPERATION CONSOLE		2014024-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
203	R	COMPUTER TEST SET		2014042-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
202	R	DRAWER ASSY, COMPUTER SIMULATOR		2014048-011	NA	FMP-12775	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
201	R	AUXILIARY CALIBRATION CONSOLE		2014059-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
21	R																					
20	R	NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	.093	1.187	.750	.593
19	R	NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593
18	R	NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	.125	1.625	1.032	.844
17	R	NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844
16	R	NA		NA	NA	NA	B	I	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	.093	1.187	.750	.593
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1004260 C/ SHT 3

1/4 1004260

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R
299	R																							
298	R																							
291	R	BUFFER CIRCUIT ASSY		2014254-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
290	R	LOGIC DRAWER ASSY NO 2		2014037-051	NA	NAS-9 497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
289	R	SELF TEST ASSY		2014392-021	NA	NAS-9 497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
288	R	LOGIC DRAWER ASSY NO.1		2014036-051	NA	NAS-9 497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
287	R	COMPUTER TEST SET		2014042-071	NA	NAS-9 497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
286	R	DRAWER ASSY PROGRAM & MONITOR		2014041-061	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
285	R	BUFFER CIRCUIT ASSY		2014254-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
284	R	LOGIC DRAWER ASSY NO. 2		2014037-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
283	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
282	R	COMPUTER TEST SET		2014042-061	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
281	R	AGC HANDLING FIXTURE		2014282-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
280	R	COMPUTER TEST SET		2014042-051	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
279	R	SELF TEST ASSY		2014366-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
278	R	LOGIC DRAWER ASSY NO. 1		2014036-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
277	R	COMPUTER TEST SET		2014042-041	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
276	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
275	R	DRAWER ASSY RDC INTERFACE		2014045-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
274	R	SELF TEST ASSY		2014366-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
273	R	LOGIC DRAWER ASSY NO. 2		2014037-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
272	R	DRAWING ASSY PROGRAMMER & MONITOR		2014041-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
271	R	LOGIC DRAWER ASSY NO. 1		2014036-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
270	R	COMPUTER TEST SET		2014042-031	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
269	R	POWER CONTROL ASSY		2014044-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
268	R	SELF TEST ASSY		2014366-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
267	R	AGC JUNCTION ASSY		2014341-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
266	R	POWER CONTROL ASSY		2014079-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
265	R	BUFFER CIRCUIT ASSY		2014254-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
264	R	DRAWER ASSY X Y INTERFACE		2014040-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
263	R	DRAWER ASSY RDC INTERFACE		2014045-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
262	R	DRAWER ASSY PROGRAMMER & MONITOR		2014041-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
261	R	LOGIC DRAWER ASSY NO. 2		2014037-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
260	R	LOGIC DRAWER ASSY NO. 1		2014036-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
259	R	OPERATION CONSOLE		2014024-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
258	R	COMPUTER TEST SET		2014042-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
257	R	AUXILIARY CALIBRATION CONSOLE		2014059-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
256	R	AGC CALIBRATION CONSOLE		2014049-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
255	R	AGC HANDLING FIXTURE		2014282-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
254	R	DRAWER ASSY COMP. SIMULATOR		2014048-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
253	R	SHIPPING KIT ASSY, NAV DSKY		2016312-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
252	R	SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
251	R	SHIPPING KIT ASSY, MAIN DSKY		2014313-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
250	R	AMPLIFIER, REWORK		2014386	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
249	R	TEMP MONITOR ASSY		2014313-011	NA	NAS-9-497	B	I	NOTE 11C	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
248	R	AGC JUNCTION ASSY		2014341-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
247	R	AC INPUT PANEL ASSY		2014302-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
246	R	SELF TEST ASSY		2014392-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
243																								
242																								
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 19 VALUES BELOW														
240	R	SELF TEST ASSEMBLY		2014366-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
239	R	POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
238	R	AC INPUT PANEL ASSY		2014043-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
237	R	POWER CONTROL ASSY		2014079-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
236	R	DRAWER ASSY-X Y INTERFACE		2014040-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
235	R	DRAWER ASSY RDC INTERFACE		2014045-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
234	R	BUFFER CIRCUIT ASSY		2014254-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
233	R	CONTROL & INTERFACE ASSY		2014204-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
232	R	POWER CONTROL ASSY		2014044-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
231	R	DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
230	R	CONNECTOR INTERFACE ASSY		2014272-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
229	R	CONNECTOR INTERFACE ASSY		2014047-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
228	R	ANTENNA, TUNING CAPACITOR ASSY		2014209-011	NA	NAS-9-457	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
227	R	MOUNTING FIXTURE ASSY		2014006-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
226	R	POWER SUPPLY ASSY 3 VDC		2014234-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
225	R	PANEL ASSY-SIGNAL INTERFACE		2014010-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
224	R	OSCILLOSCOPE ASSY		2014232-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
223	R	AUXILIARY OUTLET ASSY		2014274-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
222	R	FREQUENCY COUNTER		2014233-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
221	R	POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
220	R	LOGIC DRAWER ASSY NO. 2		2014037-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
219	R	LOGIC DRAWER ASSY NO. 1		2014036-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
218	R	COUNTER, ELECTRICAL ASSY		2014280-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
217	R	POWER SUPPLY ASSY		2014279-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
216	R	TEST MOUNT ASSY		2014257-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
215	R	UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
214	R	MAIN DSKY PEDESTAL MOUNT		2014343	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
213	R	SHIPPING CONTAINER, MAIN DSKY		1006229	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
212	R	SHIPPING CONTAINER, NAV DSKY		1006231	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
211	R	SHIPPING CONTAINER, AGC		1006230	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
210	R	SHIPPING CONTAINER, UNIVERSAL DSKY		1006422	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
209	R	SHIPPING CONTAINER, AGC		1006421	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
208	R	UNIVERSAL DSKY HANDLING FIXTURE		2014013-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
207	R	NAV DSKY HANDLING FIXTURE		1014377	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
206	R	MAIN DSKY HANDLING FIXTURE		1014334	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
205	R	AGC HANDLING FIXTURE		2014282-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
204	R	OPERATION CONSOLE		2014024-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
203	R	COMPUTER TEST SET		2014042-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
202	R	DRAWER ASSY, COMPUTER SIMULATOR		2014048-011	NA	FNP-12775	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
201	R	AUXILIARY CALIBRATION CONSOLE		2014059-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
21	R																							
20	R	NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	TYP	.093	1.187	.750	.593	.453	1.0
19	R	NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.0
18	R	NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	TYP	.125	1.625	1.032	.844	.656	1.4
17	R	NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.4
16	R	NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	TYP	.093	1.187	.750	.593	.453	1.0
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.0

NOTES FOR TABLE

STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1/1004260

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R
299	R																							
298	R																							
293	R	COMPUTER TEST SET		2014042-081	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 8 VALUES BELOW														
292	R	DRAWER ASSY - PROGRAM & MONITOR		2014041-071	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 7 VALUES BELOW														
291	R	BUFFER CIRCUIT ASSY		2014254-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 5 VALUES BELOW														
290	R	LOGIC DRAWER ASSY NO.2		2014037-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
289	R	SELF TEST ASSY		2014392-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
288	R	LOGIC DRAWER ASSY NO.1		2014036-054	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
287	R	COMPUTER TEST SET		2014042-071	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 8 VALUES BELOW														
286	R	DRAWER ASSY PROGRAM & MONITOR		2014041-061	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
285	R	BUFFER CIRCUIT ASSY		2014254-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
284	R	LOGIC DRAWER ASSY NO. 2		2014037-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
283	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
282	R	COMPUTER TEST SET		2014042-061	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
281	R	AGC HANDLING FIXTURE		2014282-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
280	R	COMPUTER TEST SET		2014042-051	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
279	R	SELF TEST ASSY		2014366-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
278	R	LOGIC DRAWER ASSY NO. 1		2014036-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
277	R	COMPUTER TEST SET		2014042-041	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
276	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
275	R	DRAWER ASSY RDC INTERFACE		2014045-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
274	R	SELF TEST ASSY		2014366-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
273	R	LOGIC DRAWER ASSY NO. 2		2014037-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
272	R	DRAWING ASSY PROGRAMMER & MONITOR		2014041-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
271	R	LOGIC DRAWER ASSY NO. 1		2014036-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
270	R	COMPUTER TEST SET		2014042-031	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
269	R	POWER CONTROL ASSY		2014044-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
268	R	SELF TEST ASSY		2014366-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
267	R	AGC JUNCTION ASSY		2014341-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
266	R	POWER CONTROL ASSY		2014079-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
265	R	BUFFER CIRCUITY ASSY		2014254-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
264	R	DRAWER ASSY X Y INTERFACE		2014040-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
263	R	DRAWER ASSY RDC INTERFACE		2014045-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
262	R	DRAWER ASSY PROGRAMMER & MONITOR		2014041-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
261	R	LOGIC DRAWER ASSY NO. 2		2014037-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
260	R	LOGIC DRAWER ASSY NO. 1		2014036-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
259	R	OPERATION CONSOLE		2014024-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
258	R	COMPUTER TEST SET		2014042-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
257	R	AUXILIARY CALIBRATION CONSOLE		2014059-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
256	R	AGC CALIBRATION CONSOLE		2014049-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
255	R	AGC HANDLING FIXTURE		2014282-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
254	R	DRAWER ASSY COMP. SIMULATOR		2014048-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
253	R	SHIPPING KIT ASSY, NAV DSKY		2016312-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
252	R	SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
251	R	SHIPPING KIT ASSY, MAIN DSKY		2016313-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
250	R	AMPLIFIER, REWORK		2014386	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
249	R	TEMP MONITOR ASSY		2014313-011	NA	NAS-9-497	B	I	NOTE 11C	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
248	R	AGC JUNCTION ASSY		2014341-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
247	R	AC INPUT PANEL ASSY		2014302-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
246	R	SELF TEST ASSY		2014392-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
243																								
242																								
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 19 VALUES BELOW														
240	R	SELF TEST ASSEMBLY		2014366-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
239	R	POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
238	R	AC INPUT PANEL ASSY		2014043-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
237	R	POWER CONTROL ASSY		2014079-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
236	R	DRAWER ASSY-X Y INTERFACE		2014040-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
235	R	DRAWER ASSY RDC INTERFACE		2014045-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
234	R	BUFFER CIRCUIT ASSY		2014254-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
233	R	CONTROL & INTERFACE ASSY		2014204-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
232	R	POWER CONTROL ASSY		2014044-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
231	R	DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
230	R	CONNECTOR INTERFACE ASSY		2014272-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
229	R	CONNECTOR INTERFACE ASSY		2014047-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
228	R	ANTENNA, TUNING CAPACITOR ASSY		2014209-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
227	R	MOUNTING FIXTURE ASSY		2014006-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
226	R	POWER SUPPLY ASSY 3 VDC		2014234-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
225	R	PANEL ASSY—SIGNAL INTERFACE		2014010-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
224	R	OSCILLOSCOPE ASSY		2014232-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
223	R	AUXILIARY OUTLET ASSY		2014274-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
222	R	FREQUENCY COUNTER		2014233-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
221	R	POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
220	R	LOGIC DRAWER ASSY NO. 2		2014037-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
219	R	LOGIC DRAWER ASSY NO. 1		2014036-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
218	R	COUNTER, ELECTRICAL ASSY		2014288-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
217	R	POWER SUPPLY ASSY		2014279-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
216	R	TEST MOUNT ASSY		2014217-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
215	R	UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
214	R	MAIN DSKY PEDESTAL MOUNT		2014343	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
213	R	SHIPPING CONTAINER, MAIN DSKY		1006229	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
212	R	SHIPPING CONTAINER, NAV DSKY		1006231	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
211	R	SHIPPING CONTAINER, AGC		1006230	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
210	R	SHIPPING CONTAINER, UNIVERSAL DSKY		1006232	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
209	R	SHIPPING CONTAINER, AGC		1006421	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
208	R	UNIVERSAL DSKY HANDLING FIXTURE		2014013-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW														
207	R	NAV DSKY HANDLING FIXTURE		1014337	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
206	R	MAIN DSKY HANDLING FIXTURE		1014334	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
205	R	AGC HANDLING FIXTURE		2014282-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW														
204	R	OPERATION CONSOLE ASSY		2014024-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
203	R	COMPUTER TEST SET		2014042-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
202	R	DRAWER ASSY, COMPUTER SIMULATOR		2014048-011	NA	FMP-12775	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
201	R	AUXILIARY CALIBRATION CONSOLE		2014059-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW														
21	R																							
20	R	NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	TYP	.093	1.187	.750	.593	.453	1.01
19	R	NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.01
18	R	NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	TYP	.125	1.625	1.032	.844	.656	1.42
17	R	NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.42
16	R	NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	TYP	.093	1.187	.750	.593	.453	1.01
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.01

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1/1004260

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
299	R																						
298	R																						
297	R	COMPUTER TEST SET		2014042-081	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
296	R	DRAWER ASSY - PROGRAM & MONITOR		2014041-071	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
295	R	BUFFER CIRCUIT ASSY		2014254-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
294	R	LOGIC DRAWER ASSY NO. 2		2014037-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
293	R	LOGIC DRAWER ASSY NO.1		2014392-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
292	R	COMPUTER TEST SET		2014036-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
291	R	DRAWER ASSY PROGRAM & MONITOR		2014042-071	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
290	R	BUFFER CIRCUIT ASSY		2014041-061	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
289	R	LOGIC DRAWER ASSY NO. 2		2014254-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
288	R	DRAWER ASSY-PROGRAM & MONITOR		2014037-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
287	R	COMPUTER TEST SET		2014041-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
286	R	AGC HANDLING FIXTURE		2014042-061	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
285	R	COMPUTER TEST SET		2014282-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
284	R	SELF TEST ASSY		2014042-051	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
283	R	LOGIC DRAWER ASSY NO. 1		2014366-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
282	R	COMPUTER TEST SET		2014036-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
281	R	DRAWER ASSY-PROGRAM & MONITOR		2014042-041	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
280	R	DRAWER ASSY RDC INTERFACE		2014041-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
279	R	SELF TEST ASSY		2014045-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
278	R	LOGIC DRAWER ASSY NO. 2		2014366-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
277	R	DRAWING ASSY PROGRAMMER & MONITOR		2014037-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
276	R	LOGIC DRAWER ASSY NO. 1		2014041-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
275	R	COMPUTER TEST SET		2014036-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
274	R	POWER CONTROL ASSY		2014042-031	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
273	R	SELF TEST ASSY		2014044-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
272	R	AGC JUNCTION ASSY		2014366-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
271	R	POWER CONTROL ASSY		2014341-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
270	R	BUFFER CIRCUIT ASSY		2014079-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
269	R	DRAWER ASSY X Y INTERFACE		2014254-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
268	R	DRAWER ASSY RDC INTERFACE		2014040-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
267	R	DRAWER ASSY PROGRAMMER & MONITOR		2014045-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
266	R	LOGIC DRAWER ASSY NO. 2		2014041-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
265	R	LOGIC DRAWER ASSY NO. 1		2014037-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
264	R	OPERATION CONSOLE		2014036-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
263	R	COMPUTER TEST SET		2014024-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
262	R	AUXILIARY CALIBRATION CONSOLE		2014042-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
261	R	AGC CALIBRATION CONSOLE		2014065-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
260	R	AGC HANDLING FIXTURE		2014049-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
259	R	DRAWER ASSY COMP. SIMULATOR		2014282-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
258	R	SHIPPING KIT ASSY, NAV DSKY		2014048-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
257	R	SHIPPING KIT ASSY, UNIVERSAL DSKY		2016312-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
256	R	SHIPPING KIT ASSY, MAIN DSKY		2016316-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
255	R	AMPLIFIER, HOLDOVER		2016313-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
254	R	TEMP MONITOR ASSY		2014386	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
253	R	AGC JUNCTION ASSY		2014313-011	NA	NAS-9-497	B	I	NOTE 11C	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
252	R	AC INPUT PANEL ASSY		2014341-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
251	R	SELF TEST ASSY		2014302-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
250	R	TAPE PUNCH ASSEMBLY		2014392-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
249	R	TAPE READER ASSEMBLY		2014039-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
248	R			2014038-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
247																							
246																							
245	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 19 VALUES BELOW													
244	R	SELF TEST ASSEMBLY		2014366-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
243	R	POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
242	R	AC INPUT PANEL ASSY		2014043-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
241	R	POWER CONTROL ASSY		2014079-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
240	R	DRAWER ASSY-X Y INTERFACE		2014040-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
239	R	DRAWER ASSY RDC INTERFACE		2014045-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
238	R	BUFFER CIRCUIT ASSY		2014254-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
237	R	CONTROL & INTERFACE ASSY		2014204-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
236	R	POWER CONTROL ASSY		2014044-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
235	R	DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
234	R	CONNECTOR INTERFACE ASSY		2014272-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
233	R	CONNECTOR INTERFACE ASSY		2014047-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
232	R	ANTENNA, TUNING CAPACITOR ASSY		2014209-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
231	R	MOUNTING FIXTURE ASSY		2014006-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
230	R	POWER SUPPLY ASSY 3 VDC		2014234-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
229	R	PANEL ASSY-SIGNAL INTERFACE		2014010-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
228	R	OSCILLOSCOPE ASSY		2014232-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
227	R	AUXILIARY OUTLET ASSY		2014274-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
226	R	FREQUENCY COUNTER		2014233-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
225	R	POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
224	R	LOGIC DRAWER ASSY NO. 2		2014037-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
223	R	[illegible] DRAWER ASSY NO. 1		[illegible]-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
222	R	COUNTER, ELECTRICAL ASSY		2014288-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
221	R	POWER SUPPLY ASSY		2014279-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
220	R	TEST MOUNT ASSY		2014257-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
219	R	UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
218	R	MAIN DSKY PEDESTAL MOUNT		2014343	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
217	R	SHIPPING CONTAINER, MAIN DSKY		1006229	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
216	R	SHIPPING CONTAINER, NAV DSKY		1006231	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
215	R	SHIPPING CONTAINER, AGC		1006230	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
214	R	SHIPPING CONTAINER, UNIVERSAL DSKY		1006422	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
213	R	SHIPPING CONTAINER, AGC		1006421	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
212	R	UNIVERSAL DSKY HANDLING FIXTURE		2014013-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
211	R	NAV DSKY HANDLING FIXTURE		1014377	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
210	R	MAIN DSKY HANDLING FIXTURE		1014334	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
209	R	AGC HANDLING FIXTURE		2014282-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
208	R	OPERATION CONSOLE		2014024-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
207	R	COMPUTER TEST SET		2014042-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
206	R	DRAWER ASSY, COMPUTER SIMULATOR		2014048-011	NA	FNP-12775	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
205	R	AUXILIARY CALIBRATION CONSOLE		2014059-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
204	R	AGC CALIBRATION CONSOLE		2014049-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
203																							
202																							
201																							
200																							
21	R																						
20	R	NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	TYP	.093	1.187	.750	.593	.453
19	R	NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453
18	R	NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	TYP	.125	1.625	1.032	.844	.656
17	R	NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656
16	R	NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	TYP	.093	1.187	.750	.593	.453
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453

NOTES FOR TABLE

STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
299	R																					
298	R																					
297	R	COMPUTER TEST SET		2014042-081	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 8 VALUES BELOW												
292	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-071	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 7 VALUES BELOW												
291	R	BUFFER CIRCUIT ASSY		2014254-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
290	R	LOGIC DRAWER ASSY NO 2		2014037-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
289	R	SELF TEST ASSY		2014392-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
288	R	LOGIC DRAWER ASSY NO.1		2014036-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
287	R	COMPUTER TEST SET		2014042-071	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 8 VALUES BELOW												
286	R	DRAWER ASSY PROGRAM & MONITOR		2014041-061	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
285	R	BUFFER CIRCUIT ASSY		2014254-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
284	R	LOGIC DRAWER ASSY NO. 2		2014037-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
283	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
282	R	COMPUTER TEST SET		2014042-061	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
281	R	AGC HANDLING FIXTURE		2014282-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
280	R	COMPUTER TEST SET		2014042-051	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
279	R	SELF TEST ASSY		2014366-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
278	R	LOGIC DRAWER ASSY NO. 1		2014036-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
277	R	COMPUTER TEST SET		2014042-041	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
276	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
275	R	DRAWER ASSY RDC INTERFACE		2014045-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
274	R	SELF TEST ASSY		2014366-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
273	R	LOGIC DRAWER ASSY NO. 2		2014037-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
272	R	DRAWING ASSY PROGRAMMER & MONITOR		2014041-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
271	R	LOGIC DRAWER ASSY NO. 1		2014036-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
270	R	COMPUTER TEST SET		2014042-031	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
269	R	POWER CONTROL ASSY		2014044-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
268	R	SELF TEST ASSY		2014366-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
267	R	AGC JUNCTION ASSY		2014341-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
266	R	POWER CONTROL ASSY		2014079-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
265	R	BUFFER CIRCUIT ASSY		2014254-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
264	R	DRAWER ASSY X Y INTERFACE		2014040-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
263	R	DRAWER ASSY RDC INTERFACE		2014045-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
262	R	DRAWER ASSY PROGRAMMER & MONITOR		2014041-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
261	R	LOGIC DRAWER ASSY NO. 2		2014037-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
260	R	LOGIC DRAWER ASSY NO. 1		2014036-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
259	R	OPERATION CONSOLE		2014024-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
258	R	COMPUTER TEST SET		2014042-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
257	R	AUXILIARY CALIBRATION CONSOLE		2014059-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
256	R	AGC CALIBRATION CONSOLE		2014049-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
255	R	AGC HANDLING FIXTURE		2014282-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
254	R	DRAWER ASSY COMP. SIMULATOR		2014048-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
253	R	SHIPPING KIT ASSY, NAV DSKY		2016312-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
252	R	SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
251	R	SHIPPING KIT ASSY, MAIN DSKY		2016313-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
250	R	AMPLIFIER, REMARK		2014386	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
249	R	TEMP MONITOR ASSY		2014313-011	NA	NAS-9-497	B	I	NOTE 11C	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
248	R	AGC JUNCTION ASSY		2014341-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
247	P	AC INPUT PANEL ASSY		2014302-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
246	R	SELF TEST ASSY		2014392-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
243																						
242																						
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 19 VALUES BELOW												
240	R	SELF TEST ASSEMBLY		2014366-011	NA	NAS-9-497	B	I	NOTE 11C	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
239	R	POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011	NA	NAS-9-497	B	I	NOTE 11C	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
238	R	AC INPUT PANEL ASSY		2014043-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
237	R	POWER CONTROL ASSY		2014079-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
236	R	DRAWER ASSY-X Y INTERFACE		2014040-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
235	R	DRAWER ASSY RDC INTERFACE		2014045-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
234	R	BUFFER CIRCUIT ASSY		2014254-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
233	R	CONTROL & INTERFACE ASSY		2014204-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
232	R	POWER CONTROL ASSY		2014044-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
231	R	DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
230	R	CONNECTOR INTERFACE ASSY		2014212-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
229	R	CONNECTOR INTERFACE ASSY		2014047-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
228	R	ANTENNA, TUNING CAPACITOR ASSY		2014209-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
227	R	MOUNTING FIXTURE ASSY		2014006-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
226	R	POWER SUPPLY ASSY 3 VDC		2014234-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
225	R	PANEL ASSY-SIGNAL INTERFACE		2014010-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
224	R	OSCILLOSCOPE ASSY		2014232-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
223	R	AUXILIARY OUTLET ASSY		2014274-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
222	R	FREQUENCY COUNTER		2014233-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
221	R	POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
220	R	LOGIC DRAWER ASSY NO. 2		2014037-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
219	R	LOGIC DRAWER ASSY NO. 1		2014036-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
218	R	COUNTER, ELECTRICAL ASSY		2014288-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
217	R	POWER SUPPLY ASSY		2014279-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
216	R	TEST MOUNT ASSY		2014257-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
215	R	UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
214	R	MAIN DSKY PEDESTAL MOUNT		2014343	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
213	R	SHIPPING CONTAINER, MAIN DSKY		1006229	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
212	R	SHIPPING CONTAINER, NAV DSKY		1006231	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
211	R	SHIPPING CONTAINER, AGC		1006230	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
210	R	SHIPPING CONTAINER, UNIVERSAL DSKY		1006422	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
209	R	SHIPPING CONTAINER, AGC		1006421	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
208	R	UNIVERSAL DSKY HANDLING FIXTURE		2014013-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
207	R	NAV DSKY HANDLING FIXTURE		1014377	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
206	R	MAIN DSKY HANDLING FIXTURE		1014334	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
205	R	AGC HANDLING FIXTURE		2014282-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
204	R	OPERATION CONSOLE		2014024-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
203	R	COMPUTER TEST SET		2014042-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
202	R	DRAWER ASSY, COMPUTER SIMULATOR		2014048-011	NA	FNP-12775	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
201	R	AUXILIARY CALIBRATION CONSOLE		2014059-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
21	R																					
20	R	NA		NA		NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	TYP	.093	1.187	.750	.593	.4
19	R	NA		NA		NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.4
18	R	NA		NA		NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	TYP	.125	1.625	1.032	.844	.6
17	R	NA		NA		NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.6
16	R	NA		NA		NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	TYP	.093	1.187	.750	.593	.4
15	R	NA		NA		NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.4

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
299	R																						
298	R																						
283	R	COMPUTER TEST SET		2014042-081	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
282	R	DRAWER ASSY - PROGRAM & MONITOR		2014041-071	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
281	R	BUFFER CIRCUIT ASSY		2014254-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
280	R	LOGIC DRAWER ASSY NO 2		2014037-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
279	R	SELF TEST ASSY		2014392-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
286	R	LOGIC DRAWER ASSY NO.1		2014036-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
287	R	COMPUTER TEST SET		2014042-071	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
284	R	DRAWER ASSY PROGRAM & MONITOR		2014041-061	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
285	R	BUFFER CIRCUIT ASSY		2014254-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
284	R	LOGIC DRAWER ASSY NO. 2		2014037-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
283	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
282	R	COMPUTER TEST SET		2014042-061	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
281	R	AGC HANDLING FIXTURE		2014282-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
280	R	COMPUTER TEST SET		2014042-051	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
279	R	SELF TEST ASSY		2014366-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
278	R	LOGIC DRAWER ASSY NO. 1		2014036-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
277	R	COMPUTER TEST SET		2014042-041	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
276	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
275	R	DRAWER ASSY RDC INTERFACE		2014045-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
274	R	SELF TEST ASSY		2014366-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
273	R	LOGIC DRAWER ASSY NO. 2		2014037-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
272	R	DRAWING ASSY PROGRAMMER & MONITOR		2014041-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
271	R	LOGIC DRAWER ASSY NO. 1		2014036-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
270	R	COMPUTER TEST SET		2014042-031	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
269	R	POWER CONTROL ASSY		2014044-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
268	R	SELF TEST ASSY		2014366-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
267	R	AGC JUNCTION ASSY		2014341-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
266	R	POWER CONTROL ASSY		2014079-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
265	R	BUFFER CIRCUIT ASSY		2014254-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
264	R	DRAWER ASSY X Y INTERFACE		2014040-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
263	R	DRAWER ASSY RDC INTERFACE		2014045-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
262	R	DRAWER ASSY PROGRAMMER & MONITOR		2014041-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
261	R	LOGIC DRAWER ASSY NO. 2		2014037-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
260	R	LOGIC DRAWER ASSY NO. 1		2014036-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
259	R	OPERATION CONSOLE		2014024-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
258	R	COMPUTER TEST SET		2014042-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
257	R	AUXILIARY CALIBRATION CONSOLE		2014059-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
256	R	AGC CALIBRATION CONSOLE		2014049-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
255	R	AGC HANDLING FIXTURE		2014282-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
254	R	DRAWER ASSY COMP. SIMULATOR		2014048-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
253	R	SHIPPING KIT ASSY, NAV DSKY		2016312-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
252	R	SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
251	R	SHIPPING KIT ASSY, MAIN DSKY		2016313-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
250	R	AMPLIFIER, REWORK		2014386	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
249	R	TEMP MONITOR ASSY		2014313-011	NA	NAS-9-497	B	I	NOTE 11C	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
248	R	AGC JUNCTION ASSY		2014341-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
247	R	AC INPUT PANEL ASSY		2014302-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
246	R	SELF TEST ASSY		2014392-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
243																							
242																							
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 19 VALUES BELOW													
240	R	SELF TEST ASSEMBLY		2014366-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
239	R	POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
238	R	AC INPUT PANEL ASSY		2014043-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
237	R	POWER CONTROL ASSY		2014079-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
236	R	DRAWER ASSY-X Y INTERFACE		2014040-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
235	R	DRAWER ASSY RDC INTERFACE		2014045-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
234	R	BUFFER CIRCUIT ASSY		2014254-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
233	R	CONTROL & INTERFACE ASSY		2014204-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
232	R	POWER CONTROL ASSY		2014044-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
231	R	DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
230	R	CONNECTOR INTERFACE ASSY		2014272-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
229	R	CONNECTOR INTERFACE ASSY		2014147-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
228	R	ANTENNA, TUNING CAPACITOR ASSY		2014209-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
227	R	MOUNTING FIXTURE ASSY		2014006-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
226	R	POWER SUPPLY ASSY 3 VDC		2014234-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
225	R	PANEL ASSY—SIGNAL INTERFACE		2014010-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
224	R	OSCILLOSCOPE ASSY		2014232-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
223	R	AUXILIARY OUTLET ASSY		2014274-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
222	R	FREQUENCY COUNTER		2014233-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
221	R	POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
220	R	LOGIC DRAWER ASSY NO. 2		2014037-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
219	R	LOGIC DRAWER ASSY NO. 1		2014036-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
218	R	COUNTER, ELECTRICAL ASSY		2014288-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
217	R	POWER SUPPLY ASSY		2014279-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
216	R	TEST MOUNT ASSY		2014257-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
215	R	UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
214	R	MAIN DSKY PEDESTAL MOUNT		2014343	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
213	R	SHIPPING CONTAINER, MAIN DSKY		1006229	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
212	R	SHIPPING CONTAINER, NAV DSKY		1006231	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
211	R	SHIPPING CONTAINER, AGC		1006230	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
210	R	SHIPPING CONTAINER, UNIVERSAL DSKY		1006422	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
209	R	SHIPPING CONTAINER, AGC		1006421	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
208	R	UNIVERSAL DSKY HANDLING FIXTURE		2014013-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
207	R	NAV DSKY HANDLING FIXTURE		1014377	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
206	R	MAIN DSKY HANDLING FIXTURE		1014336	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
205	R	AGC HANDLING FIXTURE		2014282-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
204	R	OPERATION CONSOLE		2014024-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
203	R	COMPUTER TEST SET		2014042-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
202	R	DRAWER ASSY, COMPUTER SIMULATOR		2014048-011	NA	FMP-12775	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
201	R	AUXILIARY CALIBRATION CONSOLE		2014059-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
21	R																						
20	R	NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	MIN	.093	1.187	.750	.593	.453
19	R	NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453
18	R	NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	MIN	.125	1.625	1.032	.844	.656
17	R	NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656
16	R	NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	MIN	.093	1.187	.750	.593	.453
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
299	R																					
298	R																					
293	R	COMPUTER TEST SET		2014042-081	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
292	R	DRAWER ASSY - PROGRAM & MONITOR		2014041-071	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
291	R	BUFFER CIRCUIT ASSY		2014254-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
290	R	LOGIC DRAWER ASSY NO 2		2014037-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
289	R	SELF TEST ASSY		2014392-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
288	R	LOGIC DRAWER ASSY NO.1		2014036-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
287	R	COMPUTER TEST SET		2014042-071	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
286	R	DRAWER ASSY PROGRAM & MONITOR		2014041-061	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
285	R	BUFFER CIRCUIT ASSY		2014254-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
284	R	LOGIC DRAWER ASSY NO. 2		2014037-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
283	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
262	R	COMPUTER TEST SET		2014042-061	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
281	R	AGC HANDLING FIXTURE		2014282-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
280	R	COMPUTER TEST SET		2014042-051	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
279	R	SELF TEST ASSY		2014366-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
278	R	LOGIC DRAWER ASSY NO. 1		2014036-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
277	R	COMPUTER TEST SET		2014042-041	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
276	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
275	R	DRAWER ASSY RDC INTERFACE		2014045-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
274	R	SELF TEST ASSY		2014366-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
273	R	LOGIC DRAWER ASSY NO. 2		2014037-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
272	R	DRAWING ASSY PROGRAMMER & MONITOR		2014041-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
271	R	LOGIC DRAWER ASSY NO. 1		2014036-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
270	R	COMPUTER TEST SET		2014042-031	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
269	R	POWER CONTROL ASSY		2014044-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
268	R	SELF TEST ASSY		2014366-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
267	R	AGC JUNCTION ASSY		2014341-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
266	R	POWER CONTROL ASSY		2014079-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
265	R	BUFFER CIRCUIT ASSY		2014254-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
264	R	DRAWER ASSY X Y INTERFACE		2014040-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
263	R	DRAWER ASSY RDC INTERFACE		2014045-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
262	R	DRAWER ASSY PROGRAMMER & MONITOR		2014041-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
261	R	LOGIC DRAWER ASSY NO. 2		2014037-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
260	R	LOGIC DRAWER ASSY NO. 1		2014036-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
259	R	OPERATION CONSOLE		2014024-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
258	R	COMPUTER TEST SET		2014042-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
257	R	AUXILIARY CALIBRATION CONSOLE		2014059-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
256	R	AGC CALIBRATION CONSOLE		2014049-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
255	R	AGC HANDLING FIXTURE		2014282-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
254	R	DRAWER ASSY COMP. SIMULATOR		2014048-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
253	R	SHIPPING KIT ASSY, NAV DSKY		2016312-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
252	R	SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
251	R	SHIPPING KIT ASSY, MAIN DSKY		2016313-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
250	R	AMPLIFIER, REWORK		2014366	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
249	R	TEMP MONITOR ASSY		2014313-011	NA	NAS-9-497	B	I	NOTE 11C	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
248	R	AGC JUNCTION ASSY		2014341-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
247	R	AC INPUT PANEL ASSY		2014302-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
246	R	SELF TEST ASSY		2014392-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
243																						
242																						
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 19 VALUES BELOW												
240	R	SELF TEST ASSEMBLY		2014366-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
239	R	POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
238	R	AC INPUT PANEL ASSY		2014043-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
237	R	POWER CONTROL ASSY		2014079-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
236	R	DRAWER ASSY-X Y INTERFACE		2014040-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
235	R	DRAWER ASSY RDC INTERFACE		2014045-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
234	R	BUFFER CIRCUIT ASSY		2014254-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
233	R	CONTROL & INTERFACE ASSY		2014204-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
232	R	POWER CONTROL ASSY		2014044-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
231	R	DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
230	R	CONNECTOR INTERFACE ASSY		2014272-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
229	R	CONNECTOR INTERFACE ASSY		2014047-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
228	R	ANTENNA, TUNING CAPACITOR ASSY		2014209-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
227	R	MOUNTING FIXTURE ASSY		2014006-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
226	R	POWER SUPPLY ASSY 3 VDC		2014234-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
225	R	PANEL ASSY—SIGNAL INTERFACE		2014010-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
224	R	OSCILLOSCOPE ASSY		2014232-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
223	R	AUXILIARY OUTLET ASSY		2014274-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
222	R	FREQUENCY COUNTER		2014233-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
221	R	POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
220	R	LOGIC DRAWER ASSY NO. 2		2014037-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
219	R	LOGIC DRAWER ASSY NO. 1		2014036-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
218	R	COUNTER, ELECTRICAL ASSY		2014288-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
217	R	POWER SUPPLY ASSY		2014279-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
216	R	TEST MOUNT ASSY		2014257-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
215	R	UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
214	R	MAIN DSKY PEDESTAL MOUNT		2014343	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
213	R	SHIPPING CONTAINER, MAIN DSKY		1006229	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
212	R	SHIPPING CONTAINER, NAV DSKY		1006231	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
211	R	SHIPPING CONTAINER, AGC		1006230	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
210	R	SHIPPING CONTAINER, UNIVERSAL DSKY		1006422	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
209	R	SHIPPING CONTAINER, AGC		1006421	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
208	R	UNIVERSAL DSKY HANDLING FIXTURE		2014013-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
207	R	NAV DSKY HANDLING FIXTURE		1014377	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
206	R	MAIN DSKY HANDLING FIXTURE		1014334	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
205	R	AGC HANDLING FIXTURE		2014282-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
204	R	OPERATION CONSOLE		2014024-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
203	R	COMPUTER TEST SET		2014042-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
202	R	DRAWER ASSY, COMPUTER SIMULATOR		2014048-011	NA	FNP-12775	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
201	R	AUXILIARY CALIBRATION CONSOLE		2014059-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
21	R																					
20	R	NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	109/112	.093	1.187	.750	.593
19	R	NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593
18	R	NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	109/112	.125	1.625	1.032	.844
17	R	NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844
16	R	NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	109/112	.093	1.187	.750	.593
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593

NOTES FOR TABLE

STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1/1004260

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
299	R																						
298	R																						
293	R	COMPUTER TEST SET		2014042-081	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
292	R	DRAWER ASSY - PROGRAM & MONITOR		2014041-071	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
291	R	BUFFER CIRCUIT ASSY		2014254-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
290	R	LOGIC DRAWER ASSY NO.2		2014037-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
289	R	SELF TEST ASSY		2014392-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
288	R	LOGIC DRAWER ASSY NO.1		2014036-05.	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
287	R	COMPUTER TEST SET		2014042-071	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
286	R	DRAWER ASSY- PROGRAM & MONITOR		2014041-061	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
285	R	BUFFER CIRCUIT ASSY		2014254-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
284	R	LOGIC DRAWER ASSY NO. 2		2014037-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
283	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
282	R	COMPUTER TEST SET		2014042-061	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
281	R	AGC HANDLING FIXTURE		2014282-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
280	R	COMPUTER TEST SET		2014042-051	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
279	R	SELF TEST ASSY		2014366-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
278	R	LOGIC DRAWER ASSY NO. 1		2014036-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
277	R	COMPUTER TEST SET		2014042-041	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
276	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
275	R	DRAWER ASSY RDC INTERFACE		2014045-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
274	R	SELF TEST ASSY		2014366-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
273	R	LOGIC DRAWER ASSY NO. 2		2014037-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
272	R	DRAWING ASSY PROGRAMMER & MONITOR		2014041-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
271	R	LOGIC DRAWER ASSY NO. 1		2014036-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
270	R	COMPUTER TEST SET		2014042-031	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
269	R	POWER CONTROL ASSY		2014044-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
268	R	SELF TEST ASSY		2014366-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
267	R	AGC JUNCTION ASSY		2014341-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
266	R	POWER CONTROL ASSY		2014079-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
265	R	BUFFER CIRCUIT ASSY		2014254-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
264	R	DRAWER ASSY X Y INTERFACE		2014040-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
263	R	DRAWER ASSY RDC INTERFACE		2014045-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
262	R	DRAWER ASSY PROGRAMMER & MONITOR		2014041-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
261	R	LOGIC DRAWER ASSY NO. 2		2014037-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
260	R	LOGIC DRAWER ASSY NO. 1		2014036-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
259	R	OPERATION CONSOLE		2014024-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
258	R	COMPUTER TEST SET		2014042-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
257	R	AUXILIARY CALIBRATION CONSOLE		2014059-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
256	R	AGC CALIBRATION CONSOLE		2014049-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
255	R	AGC HANDLING FIXTURE		2014282-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
254	R	DRAWER ASSY COMP. SIMULATOR		2014048-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
253	R	SHIPPING KIT ASSY, NAV DSKY		2016312-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
252	R	SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
251	R	SHIPPING KIT ASSY, MAIN DSKY		2016313-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
250	R	AMPLIFIER, REWORK		2014386	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
249	R	TEMP MONITOR ASSY		2014313-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
248	R	AGC JUNCTION ASSY		2014341-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
247	R	AC INPUT PANEL ASSY		2014302-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
246	R	SELF TEST ASSY		2014392-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
243																							
242																							
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 19 VALUES BELOW													
240	R	SELF TEST ASSEMBLY		2014366-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
239	R	POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
238	R	AC INPUT PANEL ASSY		2014043-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
237	R	POWER CONTROL ASSY		2014079-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
236	R	DRAWER ASSY-X Y INTEPFACE		2014040-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
235	R	DRAWER ASSY RDC INTERFACE		2014045-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
234	R	BUFFER CIRCUIT ASSY		2014254-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
233	R	CONTROL & INTERFACE ASSY		2014204-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
232	R	POWER CONTROL ASSY		2014044-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
231	R	DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
230	R	CONNECTOR INTERFACE ASSY		2014272-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
229	R	CONNECTOR INTERFACE ASSY		2014047-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
228	R	ANTENNA, TUNING CAPACITOR ASSY		2014209-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
227	R	MOUNTING FIXTURE ASSY		2014006-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
226	R	POWER SUPPLY ASSY 3 VDC		2014234-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
225	R	PANEL ASSY—SIGNAL INTERFACE		2014010-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
224	R	OSCILLOSCOPE ASSY		2014232-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
223	R	AUXILIARY OUTLET ASSY		2014274-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
222	R	FREQUENCY COUNTER		2014233-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
221	R	POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
220	R	LOGIC DRAWER ASSY NO. 2		2014037-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
219	R	LOGIC DRAWER ASSY NO. 1		2014036-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
218	R	COUNTER, ELECTRICAL ASSY		2014288-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
217	R	POWER SUPPLY ASSY		2014279-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
216	R	TEST MOUNT ASSY		2014257-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
215	R	UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
214	R	MAIN DSKY PEDESTAL MOUNT		2014343	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
213	R	SHIPPING CONTAINER, MAIN DSKY		1006229	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
212	R	SHIPPING CONTAINER, NAV DSKY		1006231	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
211	R	SHIPPING CONTAINER, AGC		1006230	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
210	R	SHIPPING CONTAINER, UNIVERSAL DSKY		1006422	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
209	R	SHIPPING CONTAINER, AGC		1006421	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
208	R	UNIVERSAL DSKY HANDLING FIXTURE		2014013-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
207	R	NAV DSKY HANDLING FIXTURE		1014377	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
206	R	MAIN DSKY HANDLING FIXTURE		1014334	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
205	R	AGC HANDLING FIXTURE		2014282-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
204	R	OPERATION CONSOLE		2014024-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
203	R	COMPUTER TEST SET		2014042-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
202	R	DRAWER ASSY, COMPUTER SIMULATOR		2014048-011	NA	FNP-12775	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
201	R	AUXILIARY CALIBRATION CONSOLE		2014059-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
21	R																						
20	R	NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	1/8 R	.093	1.187	.750	.593	.453
19	R	NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453
18	R	NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	1/8 R	.125	1.625	1.032	.844	.656
17	R	NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656
16	R	NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	1/8 R	.093	1.187	.750	.593	.453
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453

NOTES FOR TABLE

STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
299	R																					
298	R																					
293	R	COMPUTER TEST SET		2014042-081	NA	NAS-9-497	B	I	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
292	R	DRAWER ASSY - PROGRAM & MONITOR		2014041-071	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
291	R	BUFFER CIRCUIT ASSY		2014254-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
290	R	LOGIC DRAWER ASSY NO.2		2014037-051	NA	NAS-9 497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
289	R	SELF TEST ASSY		2014392-021	NA	NAS-9 497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
288	R	LOGIC DRAWER ASSY NO.1		2014036-051	NA	NAS-9 497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
287	R	COMPUTER TEST SET		2014042-071	NA	NAS-9 497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
286	R	DRAWER ASSY PROGRAM & MONITOR		2014041-061	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
285	R	BUFFER CIRCUIT ASSY		2014254-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
284	R	LOGIC DRAWER ASSY NO. 2		2014037-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
283	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
282	R	COMPUTER TEST SET		2014042-061	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
281	R	AGC HANDLING FIXTURE		2014282-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
280	R	COMPUTER TEST SET		2014042-051	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
279	R	SELF TEST ASSY		2014366-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
278	R	LOGIC DRAWER ASSY NO. 1		2014036-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
277	R	COMPUTER TEST SET		2014042-041	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
276	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
275	R	DRAWER ASSY RDC INTERFACE		2014045-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
274	R	SELF TEST ASSY		2014366-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
273	R	LOGIC DRAWER ASSY NO. 2		2014037-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
272	R	DRAWING ASSY PROGRAMMER & MONITOR		2014041-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
271	R	LOGIC DRAWER ASSY NO. 1		2014036-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
270	R	COMPUTER TEST SET		2014042-031	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
269	R	POWER CONTROL ASSY		2014044-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
268	R	SELF TEST ASSY		2014366-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
267	R	AGC JUNCTION ASSY		2014341-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
266	R	POWER CONTROL ASSY		2014079-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
265	R	BUFFER CIRCUIT ASSY		2014254-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
264	R	DRAWER ASSY X Y INTERFACE		2014040-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
263	R	DRAWER ASSY RDC INTERFACE		2014045-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
262	R	DRAWER ASSY PROGRAMMER & MONITOR		2014041-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
261	R	LOGIC DRAWER ASSY NO. 2		2014037-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
260	R	LOGIC DRAWER ASSY NO. 1		2014036-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
259	R	OPERATION CONSOLE		2014024-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
258	R	COMPUTER TEST SET		2014042-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
257	R	AUXILIARY CALIBRATION CONSOLE		2014059-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
256	R	AGC CALIBRATION CONSOLE		2014049-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
255	R	AGC HANDLING FIXTURE		2014282-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
254	R	DRAWER ASSY COMP. SIMULATOR		2014048-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
253	R	SHIPPING KIT ASSY, NAV DSKY		2016312-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
252	R	SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
251	R	SHIPPING KIT ASSY, MAIN DSKY		2016313-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
250	R	AMPLIFIER, REWORK		2014386	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
249	R	TEMP MONITOR ASSY		2014313-011	NA	NAS-9-497	B	I	NOTE 11C	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
248	R	AGC JUNCTION ASSY		2014341-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
247	R	AC INPUT PANEL ASSY		2014302-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
246	R	SELF TEST ASSY		2014392-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
243																						
242																						
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 19 VALUES BELOW												
240	R	SELF TEST ASSEMBLY		2014366-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
239	R	POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
238	R	AC INPUT PANEL ASSY		2014043-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
237	R	POWER CONTROL ASSY		2014079-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
236	R	DRAWER ASSY-X Y INTERFACE		2014040-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
235	R	DRAWER ASSY RDC INTERFACE		2014045-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
234	R	BUFFER CIRCUIT ASSY		2014254-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
233	R	CONTROL & INTERFACE ASSY		2014204-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
232	R	POWER CONTROL ASSY		2014044-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
231	R	DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
230	R	CONNECTOR INTERFACE ASSY		2014272-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
229	R	CONNECTOR INTERFACE ASSY		2014047-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
228	R	ANTENNA, TUNING CAPACITOR ASSY		2014209-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
227	R	MOUNTING FIXTURE ASSY		2014006-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
226	R	POWER SUPPLY ASSY 3 VDC		2014234-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
225	R	PANEL ASSY—SIGNAL INTERFACE		2014010-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
224	R	OSCILLOSCOPE ASSY		2014232-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
223	R	AUXILIARY OUTLET ASSY		2014274-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
222	R	FREQUENCY COUNTER		2014233-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
221	R	POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
220	R	LOGIC DRAWER ASSY NO. 2		2014037-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
219	R	LOGIC DRAWER ASSY NO. 1		2014036-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
218	R	COUNTER, ELECTRICAL ASSY		2014288-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
217	R	POWER SUPPLY ASSY		2014279-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
216	R	TEST MOUNT ASSY		2014257-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
215	R	UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
214	R	MAIN DSKY PEDESTAL MOUNT		2014343	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
213	R	SHIPPING CONTAINER, MAIN DSKY		1006229	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
212	R	SHIPPING CONTAINER, NAV DSKY		1006231	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
211	R	SHIPPING CONTAINER, AGC		1006230	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
210	R	SHIPPING CONTAINER, UNIVERSAL DSKY		1006422	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
209	R	SHIPPING CONTAINER, AGC		1006421	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
208	R	UNIVERSAL DSKY HANDLING FIXTURE		2014013-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
207	R	NAV DSKY HANDLING FIXTURE		1014377	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
206	R	MAIN DSKY HANDLING FIXTURE		1014334	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
205	R	AGC HANDLING FIXTURE		2014282-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
204	R	OPERATION CONSOLE		2014024-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
203	R	COMPUTER TEST SET		2014042-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
202	R	DRAWER ASSY, COMPUTER SIMULATOR		2014048-011	NA	FNP-12775	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
201	R	AUXILIARY CALIBRATION CONSOLE		2014059-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
21	R																					
20	R	NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	116	.093	1.187	.750	.593
19	R	NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593
18	R	NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	116	.125	1.625	1.032	.844
17	R	NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844
16	R	NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	116	.093	1.187	.750	.593
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593

NOTES FOR TABLE

STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
299	R																					
298	R																					
293	R	COMPUTER TEST SET		2014042-081	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
292	R	DRAWER ASSY - PROGRAM & MONITOR		2014041-071	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
291	R	BUFFER CIRCUIT ASSY		2014254-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
290	R	LOGIC DRAWER ASSY NO. 2		2014037-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
289	R	SELF TEST ASSY		2014392-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
288	R	LOGIC DRAWER ASSY NO. 1		2014036-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
287	R	COMPUTER TEST SET		2014042-071	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
286	R	DRAWER ASSY - PROGRAM & MONITOR		2014041-061	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
285	R	BUFFER CIRCUIT ASSY		2014254-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
284	R	LOGIC DRAWER ASSY NO. 2		2014037-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
283	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
282	R	COMPUTER TEST SET		2014042-061	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
281	R	AGC HANDLING FIXTURE		2014282-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
280	R	COMPUTER TEST SET		2014042-051	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
279	R	SELF TEST ASSY		2014366-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
278	R	LOGIC DRAWER ASSY NO. 1		2014036-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
277	R	COMPUTER TEST SET		2014042-041	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
276	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
275	R	DRAWER ASSY RDC INTERFACE		2014045-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
274	R	SELF TEST ASSY		2014366-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
273	R	LOGIC DRAWER ASSY NO. 2		2014037-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
272	R	DRAWING ASSY PROGRAMMER & MONITOR		2014041-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
271	R	LOGIC DRAWER ASSY NO. 1		2014036-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
270	R	COMPUTER TEST SET		2014042-031	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
269	R	POWER CONTROL ASSY		2014044-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
268	R	SELF TEST ASSY		2014366-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
267	R	AGC JUNCTION ASSY		2014341-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
266	R	POWER CONTROL ASSY		2014079-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
265	R	BUFFER CIRCUIT ASSY		2014254-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
264	R	DRAWER ASSY X Y INTERFACE		2014040-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
263	R	DRAWER ASSY RDC INTERFACE		2014045-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
262	R	DRAWER ASSY PROGRAMMER & MONITOR		2014041-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
261	R	LOGIC DRAWER ASSY NO. 2		2014037-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
260	R	LOGIC DRAWER ASSY NO. 1		2014036-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
259	R	OPERATION CONSOLE		2014024-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
258	R	COMPUTER TEST SET		2014042-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
257	R	AUXILIARY CALIBRATION CONSOLE		2014059-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
256	R	AGC CALIBRATION CONSOLE		2014049-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
255	R	AGC HANDLING FIXTURE		2014282-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
254	R	DRAWER ASSY COMP. SIMULATOR		2014048-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
253	R	SHIPPING KIT ASSY, NAV DSKY		2016312-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
252	R	SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
251	R	SHIPPING KIT ASSY, MAIN DSKY		2016313-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
250	R	AMPLIFIER, REWORK		2014386	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
249	R	TEMP MONITOR ASSY		2014313-011	NA	NAS-9-497	B	I	NOTE 11C	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
248	R	AGC JUNCTION ASSY		2014341-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
247	R	AC INPUT PANEL ASSY		2014302-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
246	R	SELF TEST ASSY		2014392-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
243																						
242																						
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 19 VALUES BELOW												
240	R	SELF TEST ASSEMBLY		2014366-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
239	R	POWER SUPPLY ASSY-115V,, 400 CYCLE		2014207-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
238	R	AC INPUT PANEL ASSY		2014043-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
237	R	POWER CONTROL ASSY		2014079-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
236	R	DRAWER ASSY-X Y INTERFACE		2014040-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
235	R	DRAWER ASSY RDC INTERFACE		2014045-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
234	R	BUFFER CIRCUIT ASSY		2014254-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
233	R	CONTROL & INTERFACE ASSY		2014204-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
232	R	POWER CONTROL ASSY		2014044-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
231	R	DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
230	R	CONNECTOR INTERFACE ASSY		2014272-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
229	R	CONNECTOR INTERFACE ASSY		2014047-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
228	R	ANTENNA, TUNING CAPACITOR ASSY		2014209-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
227	R	MOUNTING FIXTURE ASSY		2014006-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
226	R	POWER SUPPLY ASSY 3 VDC		2014234-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
225	R	PANEL ASSY--SIGNAL INTERFACE		2014010-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
224	R	OSCILLOSCOPE ASSY		2014232-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
223	R	AUXILIARY OUTLET ASSY		2014274-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
222	R	FREQUENCY COUNTER		2014233-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
221	R	POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
220	R	LOGIC DRAWER ASSY NO. 2		2014037-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
219	R	LOGIC DRAWER ASSY NO. 1		2014036-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
218	R	COUNTER, ELECTRICAL ASSY		2014288-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
217	R	POWER SUPPLY ASSY		2014279-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
216	R	TEST MOUNT ASSY		2014257-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
215	R	UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
214	R	MAIN DSKY PEDESTAL MOUNT		2014343	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
213	R	SHIPPING CONTAINER, MAIN DSKY		1006229	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
212	R	SHIPPING CONTAINER, NAV DSKY		1006231	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
211	R	SHIPPING CONTAINER, AGC		1006230	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
210	R	SHIPPING CONTAINER, UNIVERSAL DSKY		1006422	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
209	R	SHIPPING CONTAINER, AGC		1006421	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
208	R	UNIVERSAL DSKY HANDLING FIXTURE		2014013-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
207	R	NAV DSKY HANDLING FIXTURE		1014377	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
206	R	MAIN DSKY HANDLING FIXTURE		1014334	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
205	R	AGC HANDLING FIXTURE		2014282-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
204	R	OPERATION CONSOLE		2014024-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
203	R	COMPUTER TEST SET		2014042-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
202	R	DRAWER ASSY, COMPUTER SIMULATOR		2014048-011	NA	FNP-12775	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
201	R	AUXILIARY CALIBRATION CONSOLE		2014059-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
21	R																					
20	R	NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	.093	1.187	.750	.593
19	R	NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593
18	R	NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	.125	1.625	1.032	.844
17	R	NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844
16	R	NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	.093	1.187	.750	.593
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593

NOTES FOR TABLE

STYLE A IS FOR G & N SYSTEM
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TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
299	R																					
298	R																					
293	R	COMPUTER TEST SET		2014042-081	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
292	R	DRAWER ASSY - PROGRAM & MONITOR		2014041-071	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
291	R	BUFFER CIRCUIT ASSY		2014254-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
290	R	LOGIC DRAWER ASSY NO.2		2014037-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
289	R	SELF TEST ASSY		2014392-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
288	R	LOGIC DRAWER ASSY NO.1		2014036-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
287	R	COMPUTER TEST SET		2014042-071	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
286	R	DRAWER ASSY PROGRAM & MONITOR		2014041-061	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
285	R	BUFFER CIRCUIT ASSY		2014254-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
284	R	LOGIC DRAWER ASSY NO. 2		2014037-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
283	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
282	R	COMPUTER TEST SET		2014042-061	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
281	R	AGC HANDLING FIXTURE		2014282-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
280	R	COMPUTER TEST SET		2014042-051	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
279	R	SELF TEST ASSY		2014366-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
278	R	LOGIC DRAWER ASSY NO. 1		2014036-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
277	R	COMPUTER TEST SET		2014042-041	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
276	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
275	R	DRAWER ASSY RDC INTERFACE		2014045-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
274	R	SELF TEST ASSY		2014366-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
273	R	LOGIC DRAWER ASSY NO. 2		2014037-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
272	R	DRAWING ASSY PROGRAMMER & MONITOR		2014041-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
271	R	LOGIC DRAWER ASSY NO. 1		2014036-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
270	R	COMPUTER TEST SET		2014042-031	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
269	R	POWER CONTROL ASSY		2014044-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
268	R	SELF TEST ASSY		2014366-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
267	R	AGC JUNCTION ASSY		2014341-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
266	R	POWER CONTROL ASSY		2014079-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
265	R	BUFFER CIRCUIT ASSY		2014254-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
264	R	DRAWER ASSY X Y INTERFACE		2014040-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
263	R	DRAWER ASSY RDC INTERFACE		2014045-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
262	R	DRAWER ASSY PROGRAMMER & MONITOR		2014041-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
261	R	LOGIC DRAWER ASSY NO. 2		2014037-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
260	R	LOGIC DRAWER ASSY NO. 1		2014036-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
259	R	OPERATION CONSOLE		2014024-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
258	R	COMPUTER TEST SET		2014042-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
257	R	AUXILIARY CALIBRATION CONSOLE		2014059-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
256	R	AGC CALIBRATION CONSOLE		2014049-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
255	R	AGC HANDLING FIXTURE		2014282-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
254	R	DRAWER ASSY COMP. SIMULATOR		2014048-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
253	R	SHIPPING KIT ASSY, NAV DSKY		2016312-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
252	R	SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
251	R	SHIPPING KIT ASSY, MAIN DSKY		2016313-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
250	R	AMPLIFIER, NETWORK		2014396	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
249	R	TEMP MONITOR ASSY		2014313-011	NA	NAS-9-497	B	I	NOTE 11C	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
248	R	AGC JUNCTION ASSY		2014341-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
247	R	AC INPUT PANEL ASSY		2014302-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
246	R	SELF TEST ASSY		2014392-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
243																						
242																						
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 19 VALUES BELOW												
240	R	SELF TEST ASSEMBLY		2014366-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
239	R	POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
238	R	AC INPUT PANEL ASSY		2014043-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
237	R	POWER CONTROL ASSY		2014079-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
236	R	DRAWER ASSY-X Y INTERFACE		2014040-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
235	R	DRAWER ASSY RDC INTERFACE		2014045-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
234	R	BUFFER CIRCUIT ASSY		2014254-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
233	R	CONTROL & INTERFACE ASSY		2014204-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
232	R	POWER CONTROL ASSY		2014044-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
231	R	DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
230	R	CONNECTOR INTERFACE ASSY		2014272-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
229	R	CONNECTOR INTERFACE ASSY		2014047-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
228	R	ANTENNA, TUNING CAPACITOR ASSY		2014209-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
227	R	MOUNTING FIXTURE ASSY		2014006-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
226	R	POWER SUPPLY ASSY 3 VDC		2014234-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
225	R	PANEL ASSY—SIGNAL INTERFACE		2014010-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
224	R	OSCILLOSCOPE ASSY		2014232-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
223	R	AUXILIARY OUTLET ASSY		2014274-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
222	R	FREQUENCY COUNTER		2014233-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
221	R	POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
220	R	LOGIC DRAWER ASSY NO. 2		2014037-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
219	R	LOGIC DRAWER ASSY NO. 1		2014036-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
218	R	COUNTER, ELECTRICAL ASSY		2014288-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
217	R	POWER SUPPLY ASSY		2014279-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
216	R	TEST MOUNT ASSY		2014257-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
215	R	UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
214	R	MAIN DSKY PEDESTAL MOUNT		2014343	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
213	R	SHIPPING CONTAINER, MAIN DSKY		1006229	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
212	R	SHIPPING CONTAINER, NAV DSKY		1006231	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
211	R	SHIPPING CONTAINER, AGC		1006230	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
210	R	SHIPPING CONTAINER, UNIVERSAL DSKY		1006422	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
209	R	SHIPPING CONTAINER, AGC		1006421	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
208	R	UNIVERSAL DSKY HANDLING FIXTURE		2014013-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
207	R	NAV DSKY HANDLING FIXTURE		1014277	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
206	R	MAIN DSKY HANDLING FIXTURE		1014334	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
205	R	AGC HANDLING FIXTURE		2014282-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
204	R	OPERATION CONSOLE		2014024-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
203	R	COMPUTER TEST SET		2014042-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
202	R	DRAWER ASSY, COMPUTER SIMULATOR		2014048-011	NA	FNP-12775	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
201	R	AUXILIARY CALIBRATION CONSOLE		2014059-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
21	R																					
20	R	NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	11/32	.093	1.187	.750	.59
19	R	NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.59
18	R	NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	11/32	.125	1.625	1.032	.84
17	R	NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.84
16	R	NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	11/32	.093	1.187	.750	.59
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.59

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
299	R																					
298	R																					
293	R	COMPUTER TEST SET		2014042-081	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
292	R	DRAWER ASSY - PROGRAM & MONITOR		2014041-071	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
291	R	BUFFER CIRCUIT ASSY		2014254-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
290	R	LOGIC DRAWER ASSY NO.2		2014037-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
289	R	SELF TEST ASSY		2014392-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
288	R	LOGIC DRAWER ASSY NO.1		2014036-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
287	R	COMPUTER TEST SET		2014042-071	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
286	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-061	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
285	R	BUFFER CIRCUIT ASSY		2014254-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
284	R	LOGIC DRAWER ASSY NO. 2		2014037-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
283	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
282	R	COMPUTER TEST SET		2014042-061	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
281	R	AGC HANDLING FIXTURE		2014282-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
280	R	COMPUTER TEST SET		2014042-051	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
279	R	SELF TEST ASSY		2014366-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
278	R	LOGIC DRAWER ASSY NO. 1		2014036-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
277	R	COMPUTER TEST SET		2014042-041	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
276	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
275	R	DRAWER ASSY RDC INTERFACE		2014045-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
274	R	SELF TEST ASSY		2014366-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
273	R	LOGIC DRAWER ASSY NO. 2		2014037-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
272	R	DRAWING ASSY PROGRAMMER & MONITOR		2014041-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
271	R	LOGIC DRAWER ASSY NO. 1		2014036-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
270	R	COMPUTER TEST SET		2014042-031	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
269	R	POWER CONTROL ASSY		2014044-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
268	R	SELF TEST ASSY		2014366-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
267	R	AGC JUNCTION ASSY		2014341-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
266	R	POWER CONTROL ASSY		2014079-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
265	R	BUFFER CIRCUIT ASSY		2014254-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
264	R	DRAWER ASSY X Y INTERFACE		2014040-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
263	R	DRAWER ASSY RDC INTERFACE		2014045-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
262	R	DRAWER ASSY PROGRAMMER & MONITOR		2014041-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
261	R	LOGIC DRAWER ASSY NO. 2		2014037-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
260	R	LOGIC DRAWER ASSY NO. 1		2014036-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
259	R	OPERATION CONSOLE		2014024-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
258	R	COMPUTER TEST SET		2014042-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
257	R	AUXILIARY CALIBRATION CONSOLE		2014059-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
256	R	AGC CALIBRATION CONSOLE		2014049-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
255	R	AGC HANDLING FIXTURE		2014282-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
254	R	DRAWER ASSY COMP. SIMULATOR		2014048-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
253	R	SHIPPING KIT ASSY, NAV DSKY		2016312-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
252	R	SHIPPING KIT ASSY, UNIVERSAL DSKY		2016316-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
251	R	SHIPPING KIT ASSY, MAIN DSKY		2016313-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
250	R	AMPLIFIER, NETWORK		2014300	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
249	R	TEMP MONITOR ASSY		2014313-011	NA	NAS-9-497	B	I	NOTE 11C	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
248	R	AGC JUNCTION ASSY		2014341-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
247	R	AC INPUT PANEL ASSY		2014302-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
246	R	SELF TEST ASSY		2014392-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
243																						
242																						
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 19 VALUES BELOW												
240	R	SELF TEST ASSEMBLY		2014366-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
239	R	POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
238	R	AC INPUT PANEL ASSY		2014043-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
237	R	POWER CONTROL ASSY		2014079-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
236	R	DRAWER ASSY-X Y INTERFACE		2014040-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
235	R	DRAWER ASSY RDC INTERFACE		2014045-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
234	R	BUFFER CIRCUIT ASSY		2014254-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
233	R	CONTROL & INTERFACE ASSY		2014204-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
232	R	POWER CONTROL ASSY		2014044-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
231	R	DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
230	R	CONNECTOR INTERFACE ASSY		2014272-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
229	R	CONNECTOR INTERFACE ASSY		2014047-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
228	R	ANTENNA, TUNING CAPACITOR ASSY		2014209-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
227	R	MOUNTING FIXTURE ASSY		2014006-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
226	R	POWER SUPPLY ASSY 3 VDC		2014234-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
225	R	PANEL ASSY—SIGNAL INTERFACE		2014010-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
224	R	OSCILLOSCOPE ASSY		2014232-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
223	R	AUXILIARY OUTLET ASSY		2014274-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
222	R	FREQUENCY COUNTER		2014233-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
221	R	POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
220	R	LOGIC DRAWER ASSY NO. 2		2014037-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
219	R	LOGIC DRAWER ASSY NO. 1		2014036-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
218	R	COUNTER, ELECTRICAL ASSY		2014288-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
217	R	POWER SUPPLY ASSY		2014279-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
216	R	TEST MOUNT ASSY		2014257-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
215	R	UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
214	R	MAIN DSKY PEDESTAL MOUNT		2014343	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
213	R	SHIPPING CONTAINER, MAIN DSKY		1006229	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
212	R	SHIPPING CONTAINER, NAV DSKY		1006231	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
211	R	SHIPPING CONTAINER, AGC		1006230	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
210	R	SHIPPING CONTAINER, UNIVERSAL DSKY		1006422	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
209	R	SHIPPING CONTAINER, AGC		1006421	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
208	R	UNIVERSAL DSKY HANDLING FIXTURE		2014013-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW												
207	R	NAV DSKY HANDLING FIXTURE		1014377	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
206	R	MAIN DSKY HANDLING FIXTURE		1014334	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
205	R	AGC HANDLING FIXTURE		2014282-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW												
204	R	OPERATION CONSOLE		2014024-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
203	R	COMPUTER TEST SET		2014042-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
202	R	DRAWER ASSY, COMPUTER SIMULATOR		2014048-011	NA	FNP-12775	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
201	R	AUXILIARY CALIBRATION CONSOLE		2014059-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW												
21	R																					
20	R	NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	11/32	.093	1.187	.750	.593
19	R	NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593
18	R	NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	1/4	.125	1.625	1.032	.844
17	R	NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844
16	R	NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	11/32	.093	1.187	.750	.593
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593

NOTES FOR TABLE

STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1004260 DH SHT 3

1/4 1004260

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
299	R																						
298	R																						
293	R	COMPUTER TEST SET		2014042-081	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
292	R	DRAWER ASSY - PROGRAM & MONITOR		2014041-071	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
291	R	BUFFER CIRCUIT ASSY		2014254-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
290	R	LOGIC DRAWER ASSY NO.2		2014037-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
289	R	SELF TEST ASSY		2014392-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
288	R	LOGIC DRAWER ASSY NO.1		2014036-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
287	R	COMPUTER TEST SET		2014042-071	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
286	R	DRAWER ASSY PROGRAM & MONITOR		2014041-061	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
285	R	BUFFER CIRCUIT ASSY		2014254-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
284	R	LOGIC DRAWER ASSY NO. 2		2014037-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
283	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-051	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
282	R	COMPUTER TEST SET		2014042-061	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
281	R	AGC HANDLING FIXTURE		2014282-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
280	R	COMPUTER TEST SET		2014042-051	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
279	R	SELF TEST ASSY		2014366-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
278	R	LOGIC DRAWER ASSY NO. 1		2014036-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
277	R	COMPUTER TEST SET		2014042-041	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
276	R	DRAWER ASSY-PROGRAM & MONITOR		2014041-041	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
275	R	DRAWER ASSY RDC INTERFACE		2014045-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
274	R	SELF TEST ASSY		2014366-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
273	R	LOGIC DRAWER ASSY NO. 2		2014037-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
272	R	DRAWING ASSY PROGRAMMER & MONITOR		2014041-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
271	R	LOGIC DRAWER ASSY NO. 1		2014036-031	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
270	R	COMPUTER TEST SET		2014042-031	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
269	R	POWER CONTROL ASSY		2014044-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
268	R	SELF TEST ASSY		2014366-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
267	R	AGC JUNCTION ASSY		2014341-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
266	R	POWER CONTROL ASSY		2014079-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
265	R	BUFFER CIRCUIT ASSY		2014254-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
264	R	DRAWER ASSY X Y INTERFACE		2014040-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
263	R	DRAWER ASSY RDC INTERFACE		2014045-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
262	R	DRAWER ASSY PROGRAMMER & MONITOR		2014041-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
261	R	LOGIC DRAWER ASSY NO. 2		2014037-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
260	R	LOGIC DRAWER ASSY NO. 1		2014036-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
259	R	OPERATION CONSOLE		2014024-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
258	R	COMPUTER TEST SET		2014042-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
257	R	AUXILIARY CALIBRATION CONSOLE		2014059-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
256	R	AGC CALIBRATION CONSOLE		2014049-021	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
255	R	AGC HANDLING FIXTURE		2014282-021	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
254	R	DRAWER ASSY COMP. SIMULATOR		2014048-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
253	R	SHIPPING KIT ASSY, NAV DSKY		2016312-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
252	R	SHIPPING KIT ASSY, UNIVERSAL DSKY		2016310-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
251	R	SHIPPING KIT ASSY, MAIN DSKY		2016313-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
250	R	AMPLIFIER, REWORK		2014386	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
249	R	TEMP MONITOR ASSY		2014313-011	NA	NAS-9-497	B	I	NOTE 11C	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
248	R	AGC JUNCTION ASSY		2014341-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
247	R	AC INPUT PANEL ASSY		2014302-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
246	R	SELF TEST ASSY		2014392-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
245	R	TAPE PUNCH ASSEMBLY		2014039-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
244	R	TAPE READER ASSEMBLY		2014038-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
243																							
242																							
241	R	APOLLO GUIDANCE COMPUTER GROUP		6003001	NA	NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 19 VALUES BELOW													
240	R	SELF TEST ASSEMBLY		2014366-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
239	R	POWER SUPPLY ASSY-115V., 400 CYCLE		2014207-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
238	R	AC INPUT PANEL ASSY		2014043-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
237	R	POWER CONTROL ASSY		2014079-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
236	R	DRAWER ASSY-X Y INTERFACE		2014040-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
235	R	DRAWER ASSY RDC INTERFACE		2014045-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
234	R	BUFFER CIRCUIT ASSY		2014254-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
233	R	CONTROL & INTERFACE ASSY		2014204-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
232	R	POWER CONTROL ASSY		2014044-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
231	R	DRAWER ASSY, PROGRAMMER & MONITOR		2014041-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
230	R	CONNECTOR INTERFACE ASSY		2014272-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
229	R	CONNECTOR INTERFACE ASSY		2014047-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
228	R	ANTENNA, TUNING CAPACITOR ASSY		2014209-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
227	R	MOUNTING FIXTURE ASSY		2014006-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
226	R	POWER SUPPLY ASSY 3 VDC		2014234-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
225	R	PANEL ASSY—SIGNAL INTERFACE		2014010-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
224	R	OSCILLOSCOPE ASSY		2014232-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
223	R	AUXILIARY OUTLET ASSY		2014274-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
222	R	FREQUENCY COUNTER		2014233-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
221	R	POWER SUPPLY ASSY 10, 13, 28 VDC		2014235-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
220	R	LOGIC DRAWER ASSY NO. 2		2014037-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
219	R	LOGIC DRAWER ASSY NO. 1		2014036-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
218	R	COUNTER, ELECTRICAL ASSY		2014288-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
217	R	POWER SUPPLY ASSY		2014279-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
216	R	TEST MOUNT ASSY		2014257-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
215	R	UNIVERSAL DSKY PEDESTAL MOUNT		2014014-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
214	R	MAIN DSKY PEDESTAL MOUNT		2014343	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
213	R	SHIPPING CONTAINER, MAIN DSKY		1006229	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
212	R	SHIPPING CONTAINER, NAV DSKY		1006231	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
211	R	SHIPPING CONTAINER, AGC		1006230	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
210	R	SHIPPING CONTAINER, UNIVERSAL DSKY		1006422	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
209	R	SHIPPING CONTAINER, AGC		1006421	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
208	R	UNIVERSAL DSKY HANDLING FIXTURE		2014013-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 15 VALUES BELOW													
207	R	NAV DSKY HANDLING FIXTURE		1014377	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
206	R	MAIN DSKY HANDLING FIXTURE		1014334	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
205	R	AGC HANDLING FIXTURE		2014282-011	NA	NAS-9-497	B	I	NOTE 11B	FOR DIMENSIONS SEE DASH 17 VALUES BELOW													
204	R	OPERATION CONSOLE		2014024-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
203	R	COMPUTER TEST SET		2014042-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
202	R	DRAWER ASSY, COMPUTER SIMULATOR		2014048-011	NA	FNP-12775	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
201	R	AUXILIARY CALIBRATION CONSOLE		2014059-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
200	R	AGC CALIBRATION CONSOLE		2014049-011	NA	NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 18 VALUES BELOW													
21	R																						
20	R	NA		NA	NA	NA	A	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	1/8 DIA	.093	1.187	.750	.593	.45
19	R	NA		NA	NA	NA	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.45
18	R	NA		NA	NA	NA	B	II	NOTE 11C	4.187	1.875	3.469	2.750	.156	.093	.156	.125	1/8 DIA	.125	1.625	1.032	.844	.35
17	R	NA		NA	NA	NA	B	I	NOTE 11B	4.187	1.875	3.469	2.750	.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.35
16	R	NA		NA	NA	NA	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.031	.078	.093	1/8 DIA	.093	1.187	.750	.593	.45
15	R	NA		NA	NA	NA	B	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.031	.078	.093	NA	NA	1.187	.750	.593	.45

NOTES FOR TABLE

STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

| | | |

AC DASH NUMBERS CONTINUED ON SHEET 6

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CNFT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
199	AC	EYEPIECE STOWAGE UNIT		2021255-011			A	I										FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234		NAS-9-497	A	I	NOTE 11B									FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
197	AC	SIGNAL CONDITIONER ASSY C/M		2007235		NAS-9-497	A	I	NOTE 11B									FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010		NAS-9-497	A	I	NOTE 11B									FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009		NAS-9-497	A	I	NOTE 11B									FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
194	AC	PANEL, MONITOR		2900031-031		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
193	AC	DISTRIBUTION BOX, GSE		2900024-031		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
191	AC	TEST CONTROL		2900027-031		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
190	AC	PANEL, PWR SUP AND LOAD		2900033-021		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
189	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
188	AC	ADPT MODULE, P.S.A.		2901143-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
186	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-021			A	I										FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
185	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-011			A	I										FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
184	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
183	AC	INSTALLING TOOL, ELEC, CONN		1902586-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 102 VALUES BELOW				
182	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011		NAS-9-497	A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.306
180	AC	ADPT MODULE, P.S.A.		1902431-031		NAS-9-497	B	II										FOR DIMENSIONS SEE DASH 121 VALUES BELOW				
179	AC	MOUNTING PLATE, IMU/PTA		6900063-011		NAS-9-497	B	II										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
178	AC	MOUNTING PLATE, COMPONENT		6900007-021		NAS-9-497	B	II										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021		NAS-9-497	B	II										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
176	AC	FIX., MOUNTING, G & N		2900067-021		NAS-9-497	B	II										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
175	AC	CSL, COOL, AND PWR, G & N		1902134-031		NAS-9-497	B	II										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
174	AC	FIX., HAND., C/M AND LEM CDU		2900939-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
173	AC	FIX., HANDLING, C/M PSA		2900998-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
172	AC	CAGING ELECTRONICS, GYRO		2900029-021		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
171	AC	DISTRIBUTION BOX, GSE		2900024-021		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
169	AC	ADPT, TESTPOINT, P.S.A.		2900037-021		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
168	AC	TEST SELECTOR		2900028-021		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
167	AC	TEST CONTROL		2900027-021		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
166	AC	PANEL, MONITOR		2900031-021		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
164	AC	INPUT/OUTPUT PANEL		2900926-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
163	AC	CONTROL PANEL		2900896-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
161	AC	FIX., LIFT AND HAND., IMU		1015462-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
160	AC	FIX., HAND., G & N HARNESS		1901846-031		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
159	AC	BATTERY POWER PACK		1900011-031		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222		NAS-9-497	A	I	NOTE 11B									FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222		NAS-9-497	A	I	NOTE 11B									FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
156	AC	POWER & SERVO ASSEMBLY C/M		2007200		NAS-9-497	A	I	NOTE 11B	2.123	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201		NAS-9-497	A	I	NOTE 11B									FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
154	AC	PULSE TORQUE ASSEMBLY-LEM		6007000		NAS-9-497	A	I	NOTE 11B									FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
153	AC	POWER & SERVO ASSEMBLY-LEM		6007200		NAS-9-497	A	I	NOTE 11B									FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
150	AC	JUNCTION BOX, P.S.A./G.S.E.		1901933-021		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
149	AC	BATTERY PACK, LIFTING		2900812-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
148	AC	MOUNTING PLATE, COMPONENT		6900007-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
147	AC	MOUNTING PLATE, COMPONENT		2900677-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
146	AC	CART, TRANS, G & N		1900009-041		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
144	AC	FIX., MOUNTING, G & N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
143	AC	CSL, COOL, AND PWR, G & N		1902134-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
141	AC	CONT, TEMP, PORTABLE		2900060-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
134	AC	FIX., HAND., G & N HARNESS		2900069-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
132	AC	FIX., MOUNTING, G & N		2900067-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
130	AC	TESTER, GYRO WHEEL		2900061-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
129	AC	COOLANT SUPPLY		1902133-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
128	AC	TABLE, ROTARY		1900926-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
127	AC	FIX., HAND., OPTICS		2900074-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
126	AC	FIXTURE, MTG, PTA/PEA,		2900066-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
125	AC	CONT, TEMP, IMU LIFTING		2900063-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
124	AC	FIXTURE, HANDLING, IMU		2900064-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
123	AC	CONT, OPTICS, REMOTE		1902046-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
122	AC	TEST CONTROL		1902009-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
121	AC	ADPT MODULE, P.S.A.		1902431-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
120	AC	BRIDGE, DECADE ERROR		2900128-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
119	AC	PWR SUP, ELECTRONICS		2900012-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
118	AC	PWR SUP, RELAY AND LAMP		1900049-031			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
116	AC	ADPT MODULE, P.S.A.		1902431-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
113	AC	CONTROL, GIMBAL POSITION		2900036-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
110	AC	PANEL, PWR SUP AND LOAD		2900033-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
109	AC	PANEL, MONITOR		2900031-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
108	AC	PANEL, AUXILIARY INPUT		2900030-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
107	AC	CAGING ELECTRONICS, GYRO		2900029-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
106	AC	TEST SELECTOR		2900028-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
105	AC	TEST CONTROL		2900027-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
104	AC	MONITOR AND CONTROL, TEMP		2900026-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
103	AC	DISTRIBUTION BOX, GSE		2900024-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
101	AC	NAVIGATION BASE ASSEMBLY-LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1004260 CL SHT 4

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AC DASH NUMBERS CONTINUED ON SHEET 6

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M
199	AC	EYEPIECE STOWAGE UNIT		2021255-011			A	I											FOR DIMENSIONS SEE DASH 100 VALUES BELOW			
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW			
197	AC	SIGNAL CONDITIONER ASSY C/M		2007235		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW			
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW			
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW			
194	AC	PANEL, MONITOR		2900031-031		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
193	AC	DISTRIBUTION BOX, GSE		2900024-031		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
191	AC	TEST CONTROL		2900027-031		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
190	AC	PANEL, PWR SUP AND LOAD		2900033-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
189	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
188	AC	ADPT MODULE, P.S.A.		2901143-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
186	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-021			A	I											FOR DIMENSIONS SEE DASH 100 VALUES BELOW			
185	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-011			A	I											FOR DIMENSIONS SEE DASH 100 VALUES BELOW			
184	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
183	AC	INSTALLING TOOL, ELEC, CONN		1902586-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 102 VALUES BELOW			
182	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011		NAS-9-497	A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.906
180	AC	ADPT MODULE, P.S.A.		1902431-031		NAS-9-497	B	II											FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
179	AC	MOUNTING PLATE, IMU/PIA		6900083-011		NAS-9-497	B	II											FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
178	AC	MOUNTING PLATE, COMPONENT		6900007-021		NAS-9-497	B	II											FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021		NAS-9-497	B	II											FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
176	AC	FIX., MOUNTING, G & N		2900067-021		NAS-9-497	B	II											FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
175	AC	CSL, COOL. AND PWR, G & N		1902134-031		NAS-9-497	B	II											FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
173	AC	FIX., HANDLING, C/M PSA		2900998-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
172	AC	CAGING ELECTRONICS, GYRO		2900029-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
171	AC	DISTRIBUTION BOX, GSE		2900024-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
169	AC	ADPT, TESTPOINT, P.S.A.		2900037-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
168	AC	TEST SELECTOR		2900028-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
167	AC	TEST CONTROL		2900027-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
166	AC	PANEL, MONITOR		2900031-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
164	AC	INPUT/OUTPUT PANEL		2900926-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
163	AC	CONTROL PANEL		2900896-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
161	AC	FIX., LIFT AND HAND., IMU		1015462-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
160	AC	FIX., HAND., G & N HARNESS		1901846-031		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
159	AC	BATTERY POWER PACK		1900011-031		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW			
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW			
156	AC	POWER & SERVO ASSEMBLY C/M		2007200		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.48
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW			
154	AC	PULSE TORQUE ASSEMBLY-LEM		6007000		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW			
153	AC	POWER & SERVO ASSEMBLY-LEM		6007200		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW			
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
150	AC	JUNCTION BOX, P.S.A./G.S.E.		1901933-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
149	AC	BATTERY PACK, LIFTING		2900812-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
148	AC	MOUNTING PLATE, COMPONENT		6900007-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
147	AC	MOUNTING PLATE, COMPONENT		2900677-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
146	AC	CART, TRANS, G & N		1900009-041		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
144	AC	FIX., MOUNTING, G & N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA	.125	1.625	1.140	.9
143	AC	CSL, COOL, AND PWR, G & N		1902134-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.9
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.9
141	AC	CONT, TEMP, PORTABLE		2900060-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.9
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.9
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.9
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.9
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.9
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.9
134	AC	FIX., HAND., G & N HARNESS		2900069-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.9
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.9
132	AC	FIX., MOUNTING, G & N		2900067-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.9
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.9
130	AC	TESTER, GYRO WHEEL		2900061-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.9
129	AC	COOLANT SUPPLY		1902133-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.9
128	AC	TABLE, ROTARY		1900926-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.9
127	AC	FIX., HAND., OPTICS		2900074-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
126	AC	FIXTURE, MTG, PTA/PEA.		2900066-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
125	AC	CONT, TEMP., IMU LIFTING		2900063-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
124	AC	FIXTURE, HANDLING, IMU		2900064-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
123	AC	CONT, OPTICS, REMOTE		1902046-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
122	AC	TEST CONTROL		1902009-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
121	AC	ADPT MODULE, P.S.A.		1902431-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
120	AC	BRIDGE, DECADE ERROR		2900128-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
119	AC	PWR SUP, ELECTRONICS		2900012-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
118	AC	PWR SUP, RELAY AND LAMP		1900049-031			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
116	AC	ADPT MODULE, P.S.A.		1902431-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
113	AC	CONTROL, GIMBAL POSITION		2900036-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
110	AC	PANEL, PWR SUP AND LOAD		2900033-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
109	AC	PANEL, MONITOR		2900031-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
108	AC	PANEL, AUXILIARY INPUT		2900030-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
107	AC	CAGING ELECTRONICS, GYRO		2900029-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
106	AC	TEST SELECTOR		2900028-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
105	AC	TEST CONTROL		2900027-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
104	AC	MONITOR AND CONTROL, TEMP		2900026-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
103	AC	DISTRIBUTION BOX, GSE		2900024-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
101	AC	NAVIGATION BASE ASSEMBLY-LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1/1004260

AC DASH NUMBERS CONTINUED ON SHEET 6

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
199	AC	EYEPIECE STOWAGE UNIT		2021255-011			A	I		FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
197	AC	SIGNAL CONDITIONER ASSY C/M		2007235		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
195	AC	PSA & SIGNAL CONDITIONER ASSY		60..7009		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
194	AC	PANEL, MONITOR		2900031-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
193	AC	DISTRIBUTION BOX, GSE		2900024-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
191	AC	TEST CONTROL		2900027-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
190	AC	PANEL, PWR SUP AND LOAD		2900033-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
189	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
188	AC	ADPT MODULE, P.S.A.		2901143-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
186	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-021			A	I		FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
185	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-011			A	I		FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
184	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
183	AC	INSTALLING TOOL, ELEC, CONN		1902586-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 102 VALUES BELOW												
182	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011		NAS-9-497	A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.906	6
180	AC	ADPT MODULE, P.S.A.		1902431-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
178	AC	MOUNTING PLATE, COMPONENT		6900007-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
176	AC	FIX., MOUNTING, G & N		2900067-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
175	AC	CSL, COOL, AND PWR, G & N		1902134-031		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
173	AC	FIX., HANDLING, C/M PSA		2900998-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
172	AC	CAGING ELECTRONICS, GYRO		2900029-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
171	AC	DISTRIBUTION BOX, GSE		2900024-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
169	AC	ADPT, TESTPOINT, P.S.A.		2900037-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
168	AC	TEST SELECTOR		2900028-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
167	AC	TEST CONTROL		2900027-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
166	AC	PANEL, MONITOR		2900031-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
164	AC	INPUT/OUTPUT PANEL		2900926-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
163	AC	CONTROL PANEL		2900896-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
161	AC	FIX., LIFT AND HAND., IMU		1015462-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
160	AC	FIX., HAND., G & N HARNESS		1901846-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
159	AC	BATTERY POWER PACK		1900011-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
156	AC	POWER & SERVO ASSEMBLY C/M		2007200		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.3
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
154	AC	PULSE TORQUE ASSEMBLY-LEM		6007000		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
153	AC	POWER & SERVO ASSEMBLY-LEM		6007200		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
152	AC	CONT PNL, RSVR CKT TESTER		2900720-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
150	AC	JUNCTION BOX, P.S.A./G.S.E.		1901933-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
149	AC	BATTERY PACK, LIFTING		2900812-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
148	AC	MOUNTING PLATE, COMPONENT		6900007-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
147	AC	MOUNTING PLATE, COMPONENT		2900677-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
146	AC	CART, TRANS, G & N		1900009-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
144	AC	FIX., MOUNTING, G & N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	6
143	AC	CSL, COOL, AND PWR, G & N		1902134-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	6
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	6
141	AC	CONT, TEMP, PORTABLE		2900060-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	3
140	AC	TESTER, CKT, IMU/CDU RSVR		2900296-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	6
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	6
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	6
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	6
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	6
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	6
134	AC	FIX., HAND., G & N HARNESS		2900069-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	6
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	6
132	AC	FIX., MOUNTING, G & N		2900067-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	6
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	6
130	AC	TESTER, GYRO WHEEL		2900061-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	6
129	AC	COOLANT SUPPLY		1902133-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	6
128	AC	TABLE, ROTARY		1900926-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	6
127	AC	FIX., HAND., OPTICS		2900074-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	3
126	AC	FIXTURE, MTG, PTA/PEA		2900066-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	3
125	AC	CONT, TEMP, IMU LIFTING		2900063-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	3
124	AC	FIXTURE, HANDLING, IMU		2900064-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	3
123	AC	CONT, OPTICS, REMOTE		1902046-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	3
122	AC	TEST CONTROL		1902009-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	3
121	AC	ADPT MODULE, P.S.A.		1902431-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	3
120	AC	BRIDGE, DECADE ERROR		2900128-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	3
119	AC	PWR SUP, ELECTRONICS		2900012-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	3
118	AC	PWR SUP, RELAY AND LAMP		1900049-031			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	3
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	3
116	AC	ADPT MODULE, P.S.A.		1902431-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	3
115	AC	ADPT, TEST POINT, PTA/PEA		2900145-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	3
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	3
113	AC	CONTROL, GIMBAL POSITION		2900036-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	3
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	3
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	3
110	AC	PANEL, PWR SUP AND LOAD		2900033-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	3
109	AC	PANEL, MONITOR		2900031-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	3
108	AC	PANEL, AUXILIARY INPUT		2900030-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	3
107	AC	CAGING ELECTRONICS, GYRO		2900029-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	3
106	AC	TEST SELECTOR		2900028-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	3
105	AC	TEST CONTROL		2900027-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	3
104	AC	MONITOR AND CONTROL, TEMP		2900026-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	3
103	AC	DISTRIBUTION BOX, GSE		2900024-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	3
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	3
101	AC	NAVIGATION BASE ASSEMBLY-LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	593	
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	593	

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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AC DASH NUMBERS CONTINUED ON SHEET 6

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M
199	AC	EYEPIECE STOWAGE UNIT		2021255-011			A	I									FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234		NAS-9-497	A	I	NOTE 11B								FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
197	AC	SIGNAL CONDITIONER ASSY C/M		2007235		NAS-9-497	A	I	NOTE 11B								FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010		NAS-9-497	A	I	NOTE 11B								FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009		NAS-9-497	A	I	NOTE 11B								FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
194	AC	PANEL, MONITOR		2900031-031		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
193	AC	DISTRIBUTION BOX, G&E		2900024-031		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
191	AC	TEST CONTROL		2900027-031		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
190	AC	PANEL, PWR SUP AND LOAD		2900033-021		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
189	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
188	AC	ADPT MODULE, P.S.A.		2901143-011		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
187	AC	FIXTURE, MFG, PTA/PEA		2900066-021		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
186	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-021			A	I									FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
185	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-011			A	I									FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
184	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
183	AC	INSTALLING TOOL, ELEC, CONN		1902596-011		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 102 VALUES BELOW				
182	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
181	AC	G & N INSTALLATION WIRING, PANEL ASSY		2014578-011		NAS-9-497	A	I	NOTE 11B	5.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125
180	AC	ADPT MODULE, P.S.A.		1902431-031		NAS-9-497	B	II									FOR DIMENSIONS SEE DASH 121 VALUES BELOW				
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011		NAS-9-497	B	II									FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
178	AC	MOUNTING PLATE, COMPONENT		6900007-021		NAS-9-497	B	II									FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021		NAS-9-497	B	II									FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
176	AC	FIX., MOUNTING, G & N		2900067-021		NAS-9-497	B	II									FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
175	AC	CSL, COOL. AND PWR, G & N		1902134-031		NAS-9-497	B	II									FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
174	AC	FIX., HAND., C/M AND LEM CMU		2900999-011		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
173	AC	FIX., HANDLING, C/M PSA		2900998-011		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
172	AC	CAGING ELECTRONICS, GYRO		2900029-021		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
171	AC	DISTRIBUTION BOX, G&E		2900024-021		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
169	AC	ADPT, TEST PC/MT, P.S.A.		2900037-021		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
168	AC	TEST SELECTOR		2900028-021		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
167	AC	TEST CONTROL		2900027-021		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
166	AC	PANEL, MONITOR		2900031-021		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
165	AC	TERM. BOARD STORAGE BRAMER		2900927-011		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
164	AC	INPUT/OUTPUT PANEL		2900926-011		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
163	AC	CONTROL PANEL		2900896-011		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
161	AC	FIX., LIFT AND HAND., IMU		1015462-011		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
160	AC	FIX., HAND., G & N HARNESS		1901846-031		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
159	AC	BATTERY POWER PACK		1900011-031		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222		NAS-9-497	A	I	NOTE 11B								FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222		NAS-9-497	A	I	NOTE 11B								FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
156	AC	POWER & SERVO ASSEMBLY C/M		2007200		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201		NAS-9-497	A	I	NOTE 11B								FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
154	AC	PULSE TORQUE ASSEMBLY-LEM		6007000		NAS-9-497	A	I	NOTE 11B								FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
153	AC	POWER & SERVO ASSEMBLY-LEM		6007200		NAS-9-497	A	I	NOTE 11B								FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
150	AC	JUNCTION BOX, P.S.A./G.S.E.		1901933-021		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
149	AC	BATTERY PACK, LIFTING		2900812-011		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
1-8	AC	MOUNTING PLATE, COMPONENT		6900007-011		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
147	AC	MOUNTING PLATE, COMPONENT		2900677-011		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
146	AC	CART, TRANS, G & N		1900009-041		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS-9-497	B	II	NOTE 11C								FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
144	AC	FIX., MOUNTING, G & N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA		.125	1.625
143	AC	CSL, COOL, AND PWR, G & N		1902134-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA		.125	1.625
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA		.125	1.625
141	AC	CONT. TEMP, PORTABLE		2900060-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA		.093	.858
140	AC	TESTER, CKT, IMU/CDU RSVR		2900296-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA		.125	1.625
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA		.125	1.625
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA		.125	1.625
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA		.125	1.625
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA		.125	1.625
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA		.125	1.625
134	AC	FIX., HAND., G & N HARNESS		2900069-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA		.125	1.625
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA		.125	1.625
132	AC	FIX., MOUNTING, G & N		2900067-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA		.125	1.625
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA		.125	1.625
130	AC	TESTER, GYRO WHEEL		2900061-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA		.125	1.625
129	AC	COOLANT SUPPLY		1902133-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA		.125	1.625
128	AC	TABLE, ROTARY		1900926-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA		.125	1.625
127	AC	FIX., HAND., OPTICS		2900074-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA		.125	1.625
126	AC	FIXTURE, MFG, PTA/PEA,		2900066-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA		.093	.858
125	AC	CONT, TEMP, IMU LIFTING		2900063-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA		.093	.858
124	AC	FIXTURE, HANDLING, IMU		2900064-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA		.093	.858
123	AC	CONT, OPTICS, REMOTE		1902046-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA		.093	.858
122	AC	TEST CONTROL		1902009-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA		.093	.858
121	AC	ADPT MODULE, P.S.A.		1902431-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA		.093	.858
120	AC	BRIDGE, DECADE ERROR		2900128-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA		.093	.858
119	AC	PWR SUP, ELECTRONICS		2900012-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA		.093	.858
118	AC	PWR SUP, RELAY AND LAMP		1900049-031			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA		.093	.858
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA		.093	.858
116	AC	ADPT MODULE, P.S.A.		1902431-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA		.093	.858
115	AC	ADPT, TEST POINT, PTA/PEA,		2900145-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA		.093	.858
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA		.093	.858
113	AC	CONTROL, GIMBAL POSITION		2900036-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA		.093	.858
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA		.093	.858
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA		.093	.858
110	AC	PANEL, PWR SUP AND LOAD		2900033-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA		.093	.858
109	AC	PANEL, MONITOR		2900031-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA		.093	.858
108	AC	PANEL, AUXILIARY INPUT		2900030-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA		.093	.858
107	AC	CAGING ELECTRONICS, GYRO		2900029-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA		.093	.858
106	AC	TEST SELECTOR		2900028-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA		.093	.858
105	AC	TEST CONTROL		2900027-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA		.093	.858
104	AC	MONITOR AND CONTROL, TEMP		2900026-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA		.093	.858
103	AC	DISTRIBUTION BOX, G&E		2900024-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA		.093	.858
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA		.093	.858
101	AC	NAVIGATION BASE ASSEMBLY-LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	NA	1.125
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	NA	1.125

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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AC DASH NUMBERS CONTINUED ON SHEET 6

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	DEV. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
199	AC	EYEPIECE STOWAGE UNIT		2021255-011			A	I											FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
198	AC	SIGNAL CONDITIONER ASSY C/W		2007234		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
197	AC	SIGNAL CONDITIONER ASSY C/W		2007235		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
194	AC	PANEL, MONITOR		2900031-031		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
193	AC	DISTRIBUTION BOX, GSE		2900024-031		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
191	AC	TEST CONTROL		2900027-031		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
190	AC	PANEL, PWR SUP AND LOAD		2900033-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
189	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
188	AC	ADPT MODULE, P.S.A.		2901143-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
186	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-021			A	I											FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
185	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-011			A	I											FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
184	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
183	AC	INSTALLING TOOL, ELEC, CONN		1902586-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 102 VALUES BELOW				
182	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
181	AC	G & N INDICATOR CONTROL PANEL ASSY		6-1929(8)-011		NAS-9-497	A	I	NOTE 11B	10.000	11.500	12.437	NA	1.125	.062	1.00	.125	NA	NA	1.750	1.000	.500	
180	AC	ADPT MODULE, P.S.A.		1902431-031		NAS-9-497	B	II											FOR DIMENSIONS SEE DASH 121 VALUES BELOW				
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011		NAS-9-497	B	II											FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
178	AC	MOUNTING PLATE, COMPONENT		6900007-021		NAS-9-497	B	II											FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021		NAS-9-497	B	II											FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
176	AC	FIX., MOUNTING, G & N		2900067-021		NAS-9-497	B	II											FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
175	AC	CSL, COOL. AND PWR, G & N		1902134-031		NAS-9-497	B	II											FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
174	AC	FIX., HAND., C/W AND LEM CDU		2900999-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
173	AC	FIX., HANDLING, C/W PSA		2900998-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
172	AC	CAGING ELECTRONICS, GYRO		2900029-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
171	AC	DISTRIBUTION BOX, GSE		2900024-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
169	AC	ADPT, TESTPOINT, P.S.A.		2900037-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
168	AC	TEST SELECTOR		2900028-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
167	AC	TEST CONTROL		2900027-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
166	AC	PANEL, MONITOR		2900031-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
164	AC	INPUT/OUTPUT PANEL		2900926-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
163	AC	CONTROL PANEL		2900896-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
162	AC	CSL, C*I, AND TEST, SCM/PSAAM		2900895-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
161	AC	FIX., LIFT AND HAND., IMU		1015462-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
160	AC	FIX., HAND., G & N HARNESS		1901846-031		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
159	AC	BATTERY POWER PACK		1900011-031		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
158	AC	COUPLING DATA UNIT ASSEMBLY C/W		2007222		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
156	AC	POWER & SERVO ASSEMBLY C/W		2007200		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	1.093	.031	.06	.093	NA	NA	.858	.608	.484	.358
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
154	AC	PULSE TORQUE ASSEMBLY-LEM		6007000		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
153	AC	POWER & SERVO ASSEMBLY-LEM		6007200		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
150	AC	JUNCTION BOX, P.S.A./G.S.E.		1901933-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
149	AC	BATTERY PACK, LIFTING		2900812-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
148	AC	MOUNTING PLATE, COMPONENT		6900007-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
147	AC	MOUNTING PLATE, COMPONENT		2900677-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
146	AC	CART, TRANS, G & N		1900009-041		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
144	AC	FIX., MOUNTING, G & N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA	.125	1.625	1.140	.89	.640
143	AC	CSL, COOL, AND PWR, G & N		1902134-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA	.125	1.625	1.140	.89	.640
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.89	.640
141	AC	CONT, TEMP, PORTABLE		2900060-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.89	.640
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.89	.640
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.89	.640
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.89	.640
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.89	.640
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.89	.640
134	AC	FIX., HAND., G & N HARNESS		2900069-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.89	.640
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.89	.640
132	AC	FIX., MOUNTING, G & N		2900067-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.89	.640
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.89	.640
130	AC	TESTER, GYRO WHEEL		2900061-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.89	.640
129	AC	COOLANT SUPPLY		1902133-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.89	.640
128	AC	TABLE, ROTARY		1900926-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.89	.640
127	AC	FIX., HAND., OPTICS		2900074-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
126	AC	FIXTURE, MTG, PTA/PEA,		2900066-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
125	AC	CONT, TEMP, IMU LIFTING		2900063-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
124	AC	FIXTURE, HANDLING, IMU		2900064-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
123	AC	CONT, OPTICS, REMOTE		1902046-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
122	AC	TEST CONTROL		1902009-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
121	AC	ADPT MODULE, P.S.A.		1902431-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
120	AC	BRIDGE, DECADE ERROR		2900128-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
119	AC	PWR SUP, ELECTRONICS		2900012-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
118	AC	PWR SUP, RELAY AND LAMP		1900049-031			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
116	AC	ADPT MODULE, P.S.A.		1902431-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
115	AC	ADPT, TEST POINT, PTA/PEA,		2900145-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
113	AC	CONTROL, GIMBAL POSITION		2900036-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
110	AC	PANEL, PWR SUP AND LOAD		2900033-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
109	AC	PANEL, MONITOR		2900031-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
108	AC	PANEL, AUXILIARY INPUT		2900030-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
107	AC	CAGING ELECTRONICS, GYRO		2900029-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
106	AC	TEST SELECTOR		2900028-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
105	AC	TEST CONTROL		2900027-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
104	AC	MONITOR AND CONTROL, TEMP		2900026-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
103	AC	DISTRIBUTION BOX, GSE		2900024-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
101	AC	NAVIGATION BASE ASSEMBLY-LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.591	.453
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.591	.453

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1004260 CR SHT 4

1-Z-1004260

AC DASH NUMBERS CONTINUED ON SHEET 6

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
199	AC	EYEPIECE STOWAGE UNIT		2021255-011			A	I		FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
197	AC	SIGNAL CONDITIONER ASSY C/M		2007235		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
194	AC	PANEL, MONITOR		2900031-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
193	AC	DISTRIBUTION BOX, GSE		2900024-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
191	AC	TEST CONTROL		2900027-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
190	AC	PANEL, PWR SUP AND LOAD		2900033-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
189	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
188	AC	ADPT MODULE, P.S.A.		2901143-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
186	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-021			A	I		FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
185	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-011			A	I		FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
184	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
183	AC	INSTALLING TOOL, ELEC. CONN		1902586-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 102 VALUES BELOW													
182	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011		NAS-9-497	A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.906	.688
180	AC	ADPT MODULE, P.S.A.		1902431-031		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 121 VALUES BELOW													
179	AC	MOUNTING PLATE, IMU/PTA		[illegible]		[illegible]	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
178	AC	MOUNTING PLATE, COMPONENT		6900067-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
176	AC	FIX., MOUNTING, G & N		2900067-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
175	AC	CSL, COOL, AND PWR, C & N		1902134-031		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
173	AC	FIX., HANDLING, C/M PSA		2900998-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
172	AC	CAGING ELECTRONICS, GYRO		2900029-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
171	AC	DISTRIBUTION BOX, GSE		2900024-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
169	AC	ADPT, TESTPOINT, P.S.A.		2900037-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
168	AC	TEST SELECTOR		2900028-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
167	AC	TEST CONTROL		2900027-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
166	AC	PANEL, MONITOR		2900031-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
164	AC	INPUT/OUTPUT PANEL		2900926-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
163	AC	CONTROL PANEL		2900896-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
161	AC	FIX., LIFT AND HAND., IMU		1015462-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
160	AC	FIX., HAND., G & N HARNESS		1901846-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
159	AC	BATTERY POWER PACK		1900011-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007223		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
156	AC	POWER & SERVO ASSEMBLY C/M		2007200		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
154	AC	PULSE TORQUE ASSEMBLY-LEM		6007000		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
153	AC	POWER & SERVO ASSEMBLY-LEM		6007200		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
152	AC	CONT PNL, RSVR CKT TESTER		[illegible]		[illegible]	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
150	AC	JUNCTION BOX, P.S.A./G.S.E.		1901933-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
149	AC	BATTERY PACK, LIFTING		2900812-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
148	AC	MOUNTING PLATE, COMPONENT		6900007-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
147	AC	MOUNTING PLATE, COMPONENT		2900677-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
146	AC	CART, TRANS, G & N		1900009-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
144	AC	FIX., MOUNTING, G & N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	A	.125	1.625	1.140	.890	.640
143	AC	CSL, COOL, AND PWR, G & N		1902134-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	A	.125	1.625	1.140	.890	.640
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
141	AC	CONT, TEMP, PORTABLE		2900060-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
135	AC	FIX., MOUNTING, SUB SYSTEM		2900076-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
134	AC	FIX., HAND., G & N HARNESS		2900069-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
132	AC	FIX., MOUNTING, G & N		2900067-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
130	AC	TESTER, GYRO WHEEL		2900061-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
129	AC	COOLANT SUPPLY		1902133-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
128	AC	TABLE, ROTARY		1900926-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
127	AC	FIX., HAND., OPTICS		2900074-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
126	AC	FIXTURE, MTG, PTA/PEA,		2900066-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
125	AC	CONT, TEMP, IMU LIFTING		2900063-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
124	AC	FIXTURE, HANDLING, IMU		2900064-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
123	AC	CONT, OPTICS, REMOTE		1902046-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
122	AC	TEST CONTROL		1902009-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
121	AC	ADPT MODULE, P.S.A.		1902431-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
120	AC	BRIDGE, DECADE ERROR		2900128-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
119	AC	PWR SUP, ELECTRONICS		2900012-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
118	AC	PWR SUP, RELAY AND LAMP		1900049-031			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
116	AC	ADPT MODULE, P.S.A.		1902431-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
115	AC	ADPT, TEST POINT, PTA/PEA,		2900145-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
113	AC	CONTROL, GIMBAL POSITION		2900036-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
110	AC	PANEL, PWR SUP AND LOAD		2900033-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
109	AC	PANEL, MONITOR		2900031-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
108	AC	PANEL, AUXILIARY INPUT		2900030-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
107	AC	CASING ELECTRONICS, GYRO		2900029-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
106	AC	TEST SELECTOR		2900028-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
105	AC	TEST CONTROL		2900027-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
104	AC	MONITOR AND CONTROL, TEMP		2900026-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
103	AC	DISTRIBUTION BOX, GSE		2900024-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
101	AC	NAVIGATION BASE ASSEMBLY-LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1/1004260

AC DASH NUMBERS CONTINUED ON SHEET 6

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
199	AC	EYEPIECE STOWAGE UNIT		2021255-011			A	I															
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
197	AC	SIGNAL CONDITIONER ASSY C/M		2007235		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
194	AC	PANEL, MONITOR		2900031-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
193	AC	DISTRIBUTION BOX, GSE		2900024-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
191	AC	TEST CONTROL		2900027-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
190	AC	PANEL, PWR SUP AND LOAD		2900033-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
189	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
188	AC	ADPT MODULE, P.S.A.		2901143-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
186	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-021			A	I															
185	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-011			A	I															
184	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
183	AC	INSTALLING TOOL, ELEC, CONN		1902586-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 102 VALUES BELOW													
182	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
[illegible]		G & N SIMULATION CONTROL PANEL ASSY		[illegible]		[illegible]	A	I	NOTE 11B	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
180	AC	ADPT MODULE, P.S.A.		1902431-031		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 121 VALUES BELOW													
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
178	AC	MOUNTING PLATE, COMPONENT		6900007-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
176	AC	FIX., MOUNTING, G & N		2900067-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
175	AC	CSL, COOL, AND PWR, G & N		1902134-031		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
173	AC	FIX., HANDLING, C/M PSA		2900998-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
172	AC	CAGING ELECTRONICS, GYRO		2900029-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
171	AC	DISTRIBUTION BOX, GSE		2900024-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
169	AC	ADPT, TESTPOINT, P.S.A.		2900037-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
168	AC	TEST SELECTOR		2900028-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
167	AC	TEST CONTROL		2900027-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
166	AC	PANEL, MONITOR		2900031-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
164	AC	INPUT/OUTPUT PANEL		2900926-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
163	AC	CONTROL PANEL		2900896-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
161	AC	FIX., LIFT AND HAND., IMU		1015462-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
160	AC	FIX., HAND., G & N HARNESS		1901846-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
159	AC	BATTERY POWER PACK		1900011-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
156	AC	POWER & SERVO ASSEMBLY C/M		2007200		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	484	.358
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
[illegible]		PITCH TORQUE ASSEMBLY-LEM		[illegible]		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
153	AC	POWER & SERVO ASSEMBLY-LEM		6007200		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
150	AC	JUNCTION BOX, P.S.A./G.S.E.		1901933-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
149	AC	BATTERY PACK, LIFTING		2900812-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
148	AC	MOUNTING PLATE, COMPONENT		6900007-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
147	AC	MOUNTING PLATE, COMPONENT		2900677-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
146	AC	CART, TRANS, G & N		1900009-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
144	AC	FIX., MOUNTING, G & N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	640
143	AC	CSL, COOL, AND PWR, G & N		1902134-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	640
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	640
141	AC	CONT, TEMP, PORTABLE		2900060-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	358
140	AC	TESTER, CKT, IMU/CDU RSVR		2900086-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	640
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	640
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	640
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	640
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	640
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	640
134	AC	FIX., HAND., G & N HARNESS		2900069-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	640
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	640
132	AC	FIX., MOUNTING, G & N		2900067-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	640
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	640
130	AC	TESTER, GYRO WHEEL		2900061-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	640
129	AC	COOLANT SUPPLY		1902133-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	640
128	AC	TABLE, ROTARY		1900926-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	890	640
127	AC	FIX., HAND., OPTICS		2900074-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	358
126	AC	FIXTURE, MTG, PTA/PEA.		2900066-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	358
125	AC	CONT, TEMP, IMU LIFTING		2900063-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	358
124	AC	FIXTURE, HANDLING, IMU		2900064-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	358
123	AC	CONT, OPTICS, REMOTE		1900046-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	358
122	AC	TEST CONTROL		1902009-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	358
121	AC	ADPT MODULE, P.S.A.		1902431-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	358
120	AC	BRIDGE, DECADE ERROR		2900128-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	358
119	AC	PWR SUP, ELECTRONICS		2900012-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	358
118	AC	PWR SUP, RELAY AND LAMP		1900004-031			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	358
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	358
116	AC	ADPT MODULE, P.S.A.		1902431-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	358
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	358
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	358
113	AC	CONTROL, GIMBAL POSITION		2900036-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	358
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	358
111	AC	SEL., SIG, OSCILLOGRAPH		2900034-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	358
110	AC	PANEL, PWR SUP AND LOAD		2900033-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	358
109	AC	PANEL, MONITOR		2900031-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	358
108	AC	PANEL, AUXILIARY INPUT		2900030-011			B	II	NOTE 11C	2.125	.963	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	358
107	AC	CAGING ELECTRONICS, GYRO		2900029-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	358
106	AC	TEST SELECTOR		2900028-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	358
105	AC	TEST CONTROL		2900027-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	358
104	AC	MONITOR AND CONTROL, TEMP		2900026-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	358
103	AC	DISTRIBUTION BOX, GSE		2900024-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	358
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	484	358
101	AC	NAVIGATION BASE ASSEMBLY-LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	593	453
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	593	453

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1/1004260

AC DASH NUMBERS CONTINUED ON SHEET 6

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
199	AC	EYEPIECE STOWAGE UNIT		2021255-011			A	I										FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234		NAS-9-497	A	I	NOTE 11B									FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
197	AC	SIGNAL CONDITIONER ASSY C/M		2007235		NAS-9-497	A	I	NOTE 11B									FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010		NAS-9-497	A	I	NOTE 11B									FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009		NAS-9-497	A	I	NOTE 11B									FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
194	AC	PANEL, MONITOR		2900031-031		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
193	AC	DISTRIBUTION BOX, GSE		2900024-031		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
191	AC	TEST CONTROL		2900027-031		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
190	AC	PANEL, PWR SUP AND LOAD		2900033-021		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
189	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
188	AC	ADPT MODULE, P.S.A.		2901143-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
186	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-021			A	I										FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
185	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-011			A	I										FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
184	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
183	AC	INSTALLING TOOL, ELEC, CONN		1902586-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 102 VALUES BELOW				
182	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011		NAS-9-497	A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.906
180	AC	ADPT MODULE, P.S.A.		1902643-021		NAS-9-497	B	II										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011		NAS-9-497	B	II										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
178	AC	MOUNTING PLATE, COMPONENT		6900007-021		NAS-9-497	B	II										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021		NAS-9-497	B	II										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
176	AC	FIX., MOUNTING, G & N		2900067-021		NAS-9-497	B	II										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
175	AC	CSL, COOL. AND PWR, G & N		1902134-031		NAS-9-497	B	II										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
173	AC	FIX., HANDLING, C/M PSA		2900998-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
172	AC	CAGING ELECTRONICS, GYRO		2900029-021		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
171	AC	DISTRIBUTION BOX, GSE		2900024-021		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
169	AC	ADPT, TESTPOINT, P.S.A.		2900037-021		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
168	AC	TEST SELECTOR		2900028-021		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
167	AC	TEST CONTROL		2900027-021		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
166	AC	PANEL, MONITOR		2900031-021		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
164	AC	INPUT/OUTPUT PANEL		2900926-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
163	AC	CONTROL PANEL		2900896-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
161	AC	FIX., LIFT AND HAND., IMU		1015462-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
160	AC	FIX., HAND., G & N HARNESS		1901846-031		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
159	AC	BATTERY POWER PACK		1900011-031		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222		NAS-9-497	A	I	NOTE 11B									FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222		NAS-9-497	A	I	NOTE 11B									FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
156	AC	POWER & SERVO ASSEMBLY C/M		2007200		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201		NAS-9-497	A	I	NOTE 11B									FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
154	AC	PULSE TORQUE ASSEMBLY-LEM		6007000		NAS-9-497	A	I	NOTE 11B									FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
153	AC	POWER & SERVO ASSEMBLY-LEM		6007200		NAS-9-497	A	I	NOTE 11B									FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
150	AC	JUNCTION BOX, P.S.A./G.S.E.		1901933-021		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
149	AC	BATTERY PACK, LIFTING		2900812-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
148	AC	MOUNTING PLATE, COMPONENT		6900007-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
147	AC	MOUNTING PLATE, COMPONENT		2900677-011		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
146	AC	CART, TRANS, G & N		1900009-041		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS-9-497	B	II	NOTE 11C									FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
144	AC	FIX., MOUNTING, G & N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA	.125	1.625	1.140	.890
143	AC	CSL, COOL, AND PWR, G & N		1902134-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
141	AC	CONT, TEMP, PORTABLE		2900060-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
134	AC	FIX., HAND., G & N HARNESS		2900069-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
132	AC	FIX., MOUNTING, G & N		2900067-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
130	AC	TESTER, GYRO WHEEL		2900061-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
129	AC	COOLANT SUPPLY		1902133-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
128	AC	TABLE, ROTARY		1900926-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890
127	AC	FIX., HAND., OPTICS		2900074-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
126	AC	FIXTURE, MTG, PTA/PEA.		2900066-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
125	AC	CONT, TEMP, IMU LIFTING		2900063-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
124	AC	FIXTURE, HANDLING, IMU		2900064-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
123	AC	CONT, OPTICS, REMOTE		1902046-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
122	AC	TEST CONTROL		1902009-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
121	AC	ADPT MODULE, P.S.A.		1902431-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
120	AC	BRIDGE, DECADE ERROR		2900128-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
119	AC	PWR SUP, ELECTRONICS		2900012-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
118	AC	PWR SUP, RELAY AND LAMP		1900049-031			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
116	AC	ADPT MODULE, P.S.A.		1902431-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
113	AC	CONTROL, GIMBAL POSITION		2900036-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
110	AC	PANEL, PWR SUP AND LOAD		2900033-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
109	AC	PANEL, MONITOR		2900031-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
108	AC	PANEL, AUXILIARY INPUT		2900030-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
107	AC	CAGING ELECTRONICS, GYRO		2900029-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
106	AC	TEST SELECTOR		2900028-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
105	AC	TEST CONTROL		2900027-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
104	AC	MONITOR AND CONTROL, TEMP		2900026-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
103	AC	DISTRIBUTION BOX, GSE		2900024-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
101	AC	NAVIGATION BASE ASSEMBLY-LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.594
100	AC	NAVIGATION BASE ASSEMBLY		2899942		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.594

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1004260 CU SHT 4

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AC DASH NUMBERS CONTINUED ON SHEET 6

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M
199	AC	EYEPIECE STOWAGE UNIT		2021255-011			A	I											FOR DIMENSIONS SEE DASH 100 VALUES BELOW			
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW			
197	AC	SIGNAL CONDITIONER ASSY C/M		2007235		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW			
196	AC	SIGNAL CONDITIONER ASSY LEM		6007070		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW			
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW			
194	AC	PANEL, MONITOR		2900031-031		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
193	AC	DISTRIBUTION BOX, GSE		2900024-031		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
191	AC	TEST CONTROL		2900027-031		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
190	AC	PANEL, PWR SUP AND LOAD		2900033-321		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
189	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
188	AC	ADPT MODULE, P.S.A.		2901143-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
186	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-021			A	I											FOR DIMENSIONS SEE DASH 100 VALUES BELOW			
185	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255 011			A	I											FOR DIMENSIONS SEE DASH 100 VALUES BELOW			
184	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
183	AC	INSTALLING TOOL, ELEC, CONN		1902586-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 102 VALUES BELOW			
182	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2014[illegible]9-011		NAS-9-497	A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.108	.156	NA	NA	1.750	1.125
180	AC	[illegible]		[illegible]			A	II											FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011		NAS-9-497	B	II											FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
178	AC	MOUNTING PLATE, COMPONENT		6900007-021		NAS-9-497	B	II											FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021		NAS-9-497	B	II											FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
176	AC	FIX., MOUNTING, G & N		2900067-021		NAS-9-497	B	II											FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
175	AC	CSL, COOL. AND PWR, G & N		1902134-031		NAS-9-497	B	II											FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
173	AC	FIX., HANDLING, C/M PSA		2900998-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
172	AC	CAGING ELECTRONICS, GYRO		2900029-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
171	AC	DISTRIBUTION BOX, GSE		2900024-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
169	AC	ADPT, TESTPOINT, P.S.A.		2900037-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
168	AC	TEST SELECTOR		2900028-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
167	AC	TEST CONTROL		2900027-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
166	AC	PANEL, MONITOR		2900031-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
165	AC	TERM, BOARD STORAGE DRAWER		2900927-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
164	AC	INPUT/OUTPUT PANEL		2900926-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
163	AC	CONTROL PANEL		2900896-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
161	AC	FIX., LIFT AND HAND., IMU		1015462-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
160	AC	FIX., HAND., G & N HARNESS		1901846-031		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
159	AC	BATTERY POWER PACK		1900011-031		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW			
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW			
156	AC	POWER & SERVO ASSEMBLY C/M		2007200		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW			
154	AC	PULSE TORQUE ASSEMBLY-LEM		6007000		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW			
153	AC	POWER & SERVO ASSEMBLY LEM		[illegible]		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW			
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
150	AC	JUNCTION BOX, P.S.A./G.S.E.		1901933-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
149	AC	BATTERY PACK, LIFTING		2900812-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW			
148	AC	MOUNTING PLATE, COMPONENT		6900007-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
147	AC	MOUNTING PLATE, COMPONENT		2900677-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
146	AC	CART, TRANS, G & N		1900009-041		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW			
144	AC	FIX., MOUNTING, G & N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
143	AC	CSL, COOL, AND PWR, G & N		1902134-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
141	AC	CONT, TEMP, PORTABLE		2900060-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
138	AC	SIMULATOR, LD/SIG, OPTICS		1900023-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
134	AC	FIX., HAND., G & N HARNESS		2900069-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
132	AC	FIX., MOUNTING, G & N		2900067-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
130	AC	TESTER, GYRO WHEEL		2900061-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
129	AC	COOLANT SUPPLY		1902133-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
128	AC	TABLE, ROTARY		1900326-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
127	AC	FIX., HAND., OPTICS		2900074-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
126	AC	FIXTURE, MTG, PTA/PEA,		2900065-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
125	AC	CONT, TEMP, IMU LIFTING		2900063-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
124	AC	FIXTURE, HANDLING, IMU		2900064-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
123	AC	CONT, OPTICS, REMOTE		1902046-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
122	AC	TEST CONTROL		1900059-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
121	AC	ADPT MODULE, P.S.A.		1902431-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
120	AC	BRIDGE, DECADE ERROR		2900128-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
119	AC	PWR SUP, ELECTRONICS		2900012-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
118	AC	PWR SUP, RELAY AND LAMP		1900049-031			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
116	AC	ADPT MODULE, P.S.A.		1902431-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
115	AC	ADPT, TEST POINT, PTA/PEA,		2900145-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
113	AC	CONTROL, GIMBAL POSITION		2900036-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
110	AC	PANEL, PWR SUP AND LOAD		2900033-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
109	AC	PANEL, MONITOR		2900031-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
108	AC	PANEL, AUXILIARY INPUT		2900030 011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
107	AC	CAGING ELECTRONICS, GYRO		2900029-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
106	AC	TEST SELECTOR		2900028-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
105	AC	TEST CONTROL		2900027-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
104	AC	MONITOR AND CONTROL, TEMP		2900026-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
103	AC	DISTRIBUTION BOX, GSE		2900024-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
101	AC	NAVIGATION BASE ASSEMBLY-LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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AC DASH NUMBERS CONTINUED ON SHEET 6

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
199	AC	EYEPIECE STOWAGE UNIT		2021255-011			A	I															
198	AC	SIGNAL CONDITIONER ASSY C/W		2007234		NAS-9-497	A	I	NOTE 11B														
197	AC	SIGNAL CONDITIONER ASSY C/W		2007235		NAS-9-497	A	I	NOTE 11B														
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010		NAS-9-497	A	I	NOTE 11B														
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009		NAS-9-497	A	I	NOTE 11B														
194	AC	PANEL, MONITOR		2900031-031		NAS-9-497	B	II	NOTE 11C														
193	AC	DISTRIBUTION BOX, GSE		2900024-031		NAS-9-497	B	II	NOTE 11C														
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031		NAS-9-497	B	II	NOTE 11C														
191	AC	TEST CONTROL		2900027-031		NAS-9-497	B	II	NOTE 11C														
190	AC	PANEL, PWR SUP AND LOAD		2900033-021		NAS-9-497	B	II	NOTE 11C														
189	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C														
188	AC	ADPT MODULE, P.S.A.		2901143-011		NAS-9-497	B	II	NOTE 11C														
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021		NAS-9-497	B	II	NOTE 11C														
186	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-021			A	I															
185	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-011			A	I															
184	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS-9-497	B	II	NOTE 11C														
183	AC	INSTALLING TOOL, ELEC, CONN		1902586-011		NAS-9-497	B	II	NOTE 11C														
182	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C														
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011		NAS-9-497	A	I	NOTE 11B	9.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.938	.688
180	AC	ADPT MODULE, P.S.A.		1324941-041		NAS-9-497	B	II															
179	AC	MOUNTING PLATE, 19D/PTA		6900083-011		NAS-9-497	B	II															
178	AC	MOUNTING PLATE, COMPONENT		6900007-021		NAS-9-497	B	II															
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021		NAS-9-497	B	II															
176	AC	FIX., MOUNTING, G & N		2900067-021		NAS-9-497	B	II															
175	AC	CSL, COOL. AND PWR, G & N		1902134-031		NAS-9-497	B	II															
174	AC	FIX., HAND., C/W AND LEM CDU		2900999-011		NAS-9-497	B	II	NOTE 11C														
173	AC	FIX., HANDLING, C/W PSA		2900998-011		NAS-9-497	B	II	NOTE 11C														
172	AC	CASING ELECTRONICS, GYRO		2900029-021		NAS-9-497	B	II	NOTE 11C														
171	AC	DISTRIBUTION BOX, GSE		2900024-021		NAS-9-497	B	II	NOTE 11C														
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021		NAS-9-497	B	II	NOTE 11C														
169	AC	ADPT, TESTPOINT, P.S.A.		2900037-021		NAS-9-497	B	II	NOTE 11C														
168	AC	TEST SELECTOR		2900028-021		NAS-9-497	B	II	NOTE 11C														
167	AC	TEST CONTROL		2900027-021		NAS-9-497	B	II	NOTE 11C														
166	AC	PANEL, MONITOR		2900031-021		NAS-9-497	B	II	NOTE 11C														
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011		NAS-9-497	B	II	NOTE 11C														
164	AC	INPUT/OUTPUT PANEL		2900926-011		NAS-9-497	B	II	NOTE 11C														
163	AC	CONTROL PANEL		2900896-011		NAS-9-497	B	II	NOTE 11C														
162	AC	CSL, CAL AND TEST, SCM/PSA&M		2900895-011		NAS-9-497	B	II	NOTE 11C														
161	AC	FIX., LIFT AND HAND., IMU		1015462-011		NAS-9-497	B	II	NOTE 11C														
160	AC	FIX., HAND., G & N HARNESS		1901846-031		NAS-9-497	B	II	NOTE 11C														
159	AC	BATTERY POWER PACK		1900011-031		NAS-9-497	B	II	NOTE 11C														
158	AC	COUPLING DATA UNIT ASSEMBLY C/W		2007222		NAS-9-497	A	I	NOTE 11B														
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222		NAS-9-497	A	I	NOTE 11B														
156	AC	POWER & SERVO ASSEMBLY C/W		2007200		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.344
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201		NAS-9-497	A	I	NOTE 11B														
154	AC	PULSE TORQUE ASSEMBLY-LEM		6007000		NAS-9-497	A	I	NOTE 11B														
153	AC	POWER & SERVO ASSEMBLY-LEM		6007200		NAS-9-497	A	I	NOTE 11B														
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011		NAS-9-497	B	II	NOTE 11C														
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011		NAS-9-497	B	II	NOTE 11C														
150	AC	JUNCTION BOX, P.S.A./G.S.E.		1901933-021		NAS-9-497	B	II	NOTE 11C														
149	AC	BATTERY PACK, LIFTING		2900812-011		NAS-9-497	B	II	NOTE 11C														
148	AC	MOUNTING PLATE, COMPONENT		6900007-011		NAS-9-497	B	II	NOTE 11C														
147	AC	MOUNTING PLATE, COMPONENT		2900677-011		NAS-9-497	B	II	NOTE 11C														
146	AC	CART, TRANS, G & N		1900009-041		NAS-9-497	B	II	NOTE 11C														
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS-9-497	B	II	NOTE 11C														
144	AC	FIX., MOUNTING, G & N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
143	AC	CSL, COOL. AND PWR, G & N		1902134-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
141	AC	CONT, TEMP, PORTABLE		2900060-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.344
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
134	AC	FIX., HAND., G & N HARNESS		2900069-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
132	AC	FIX., MOUNTING, G & N		2900067-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
130	AC	TESTER, GYRO WHEEL		2900061-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
129	AC	COOLANT SUPPLY		1902133-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
128	AC	TABLE, ROTARY		1900926-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
127	AC	FIX., HAND., OPTICS		2900074-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.344
126	AC	FIXTURE, MTG, PTA/PEA.		2900066-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.344
125	AC	CONT, TEMP, IMU LIFTING		2900063-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.344
124	AC	FIXTURE, HANDLING, IMU		2900064-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.344
123	AC	CONT, OPTICS, REMOTE		1902046-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.344
122	AC	TEST CONTROL		1902039-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.344
121	AC	ADPT MODULE, P.S.A.		1902431-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.344
120	AC	BRIDGE, DECADE ERROR		2900128-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.344
119	AC	PWR SUP, ELECTRONICS		2900012-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.344
118	AC	PWR SUP, RELAY AND LAMP		1900049-031			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.344
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.344
116	AC	ADPT MODULE, P.S.A.		1902431-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.344
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.344
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.344
113	AC	CONTROL, GIMBAL POSITION		2900036-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.344
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.344
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.344
110	AC	PANEL, PWR SUP AND LOAD		2900033-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.344
109	AC	PANEL, MONITOR		2900031-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.344
108	AC	PANEL, AUXILIARY INPUT		2900030-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.344
107	AC	CAGING ELECTRONICS, GYRO		2900029-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.344
106	AC	TEST SELECTOR		2900028-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.344
105	AC	TEST CONTROL		2900027-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.344
104	AC	MONITOR AND CONTROL, TEMP		2900026-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.344
103	AC	DISTRIBUTION BOX, GSE		2900024-01*			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.344
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.344
101	AC	NAVIGATION BASE ASSEMBLY-LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.437
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.437

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

17-1004260

AC DASH NUMBERS CONTINUED ON SHEET 6

ITEM NO.	P/C	PART NAME	REMARKS	PART NUMBER	SCR. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
199	AC	EYEPIECE STORAGE UNIT		2021255-011			A	I					FOR DIMENSIONS SEE DASH 100 VALUES BELOW										
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234		NAS-9-497	A	I	NOTE 11B				FOR DIMENSIONS SEE DASH 100 VALUES BELOW										
197	AC	SIGNAL CONDITIONER ASSY C/M		2007235		NAS-9-497	A	I	NOTE 11B				FOR DIMENSIONS SEE DASH 100 VALUES BELOW										
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010		NAS-9-497	A	I	NOTE 11B				FOR DIMENSIONS SEE DASH 100 VALUES BELOW										
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009		NAS-9-497	A	I	NOTE 11B				FOR DIMENSIONS SEE DASH 100 VALUES BELOW										
194	AC	PANEL, MONITOR		2900031-031		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 141 VALUES BELOW										
193	AC	DISTRIBUTION BOX, GSE		2900024-031		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 141 VALUES BELOW										
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 144 VALUES BELOW										
191	AC	TEST CONTROL		2900027-031		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 141 VALUES BELOW										
190	AC	PANEL, PWR SUP AND LOAD		2900033-021		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 141 VALUES BELOW										
189	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 141 VALUES BELOW										
188	AC	ADPT MODULE, P.S.A.		2901143-011		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 141 VALUES BELOW										
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 141 VALUES BELOW										
186	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-021			A	I					FOR DIMENSIONS SEE DASH 100 VALUES BELOW										
185	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-011			A	I					FOR DIMENSIONS SEE DASH 100 VALUES BELOW										
184	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 144 VALUES BELOW										
183	AC	INSTALLING TOOL, ELEC, CONN		1902586-011		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 102 VALUES BELOW										
182	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 141 VALUES BELOW										
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011		NAS-9-497	A	I	NOTE 11B				FOR DIMENSIONS SEE DASH 100 VALUES BELOW										
180	AC	ADPT MODULE, P.S.A.		1902431-031		NAS-9-497	B	II					FOR DIMENSIONS SEE DASH 121 VALUES BELOW										
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011		NAS-9-497	B	II					FOR DIMENSIONS SEE DASH 144 VALUES BELOW										
178	AC	MOUNTING PLATE, COMPONENT		6900007-021		NAS-9-497	B	II					FOR DIMENSIONS SEE DASH 144 VALUES BELOW										
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021		NAS-9-497	B	II					FOR DIMENSIONS SEE DASH 144 VALUES BELOW										
176	AC	FIX., MOUNTING, G & N		2900067-021		NAS-9-497	B	II					FOR DIMENSIONS SEE DASH 144 VALUES BELOW										
175	AC	CSL, COOL. AND PWR, G & N		1902134-031		NAS-9-497	B	II					FOR DIMENSIONS SEE DASH 144 VALUES BELOW										
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 141 VALUES BELOW										
173	AC	FIX., HANDLING, C/M PSA		2900998-011		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 141 VALUES BELOW										
172	AC	CAGING ELECTRONICS, GYRO		2900029-021		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 141 VALUES BELOW										
171	AC	DISTRIBUTION BOX, GSE		2900024-021		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 141 VALUES BELOW										
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 144 VALUES BELOW										
169	AC	ADPT, TESTPOINT, P.S.A.		2900037-021		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 141 VALUES BELOW										
168	AC	TEST SELECTOR		2900028-021		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 141 VALUES BELOW										
167	AC	TEST CONTROL		2900027-021		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 141 VALUES BELOW										
166	AC	PANEL, MONITOR		2900031-021		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 141 VALUES BELOW										
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 141 VALUES BELOW										
164	AC	INPUT/OUTPUT PANEL		2900926-011		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 141 VALUES BELOW										
163	AC	CONTROL PANEL		2900896-011		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 141 VALUES BELOW										
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 144 VALUES BELOW										
161	AC	FIX., LIFT AND HAND., IMU		1013462-011		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 141 VALUES BELOW										
160	AC	FIX., HAND., G & N HARNESS		1901846-031		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 144 VALUES BELOW										
159	AC	BATTERY POWER PACK		1900011-021		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 144 VALUES BELOW										
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222		NAS-9-497	A	I	NOTE 11B				FOR DIMENSIONS SEE DASH 100 VALUES BELOW										
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222		NAS-9-497	A	I	NOTE 11B				FOR DIMENSIONS SEE DASH 100 VALUES BELOW										
156	AC	POWER & SERVO ASSEMBLY C/M		2007200		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	3
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201		NAS-9-497	A	I	NOTE 11B				FOR DIMENSIONS SEE DASH 100 VALUES BELOW										
154	AC	PULSE TORQUE ASSEMBLY - LEM		6007200		NAS-9-497	A	I	NOTE 11B				FOR DIMENSIONS SEE DASH 100 VALUES BELOW										
153	AC	POWER & SERVO ASSEMBLY-LEM		6007200		NAS-9-497	A	I	NOTE 11B				FOR DIMENSIONS SEE DASH 100 VALUES BELOW										
152	AC	CONT PNL, RSVR CKT TESTER		2900710-011		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 141 VALUES BELOW										
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 141 VALUES BELOW										
150	AC	JUNCTION BOX, P.S.A./G.S.E.		1901933-021		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 144 VALUES BELOW										
149	AC	BATTERY PACK, LIFTING		2900812-011		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 141 VALUES BELOW										
148	AC	MOUNTING PLATE, COMPONENT		6900007-011		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 144 VALUES BELOW										
147	AC	MOUNTING PLATE, COMPONENT		2900677-011		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 144 VALUES BELOW										
146	AC	CART, TRANS, G & N		1900009-041		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 144 VALUES BELOW										
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS-9-497	B	II	NOTE 11C				FOR DIMENSIONS SEE DASH 144 VALUES BELOW										
144	AC	FIX., MOUNTING, G & N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	6
143	AC	CSL, COOL, AND PWR, G & N		1902134-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	6
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	6
141	AC	CONT, TEMP, PORTABLE		2900060-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	3
140	AC	TESTER, CKT, IMU/CDU RSVR		2900208-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	6
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	6
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	6
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	6
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	6
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	6
134	AC	FIX., HAND., G & N HARNESS		2900069-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	6
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	6
132	AC	FIX., MOUNTING, G & N		2900067-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	6
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	6
130	AC	TESTER, GYRO WHEEL		2900061-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	6
129	AC	COOLANT SUPPLY		1902133-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	6
128	AC	TABLE, ROTARY		1900926-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	6
127	AC	FIX., HAND., OPTICS		2900074-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	3
126	AC	FIXTURE, MTG, PTA/PEA.		2900066-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	3
125	AC	CONT, TEMP, IMU LIFTING		2900063-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	3
124	AC	FIXTURE, HANDLING, IMU		2900064-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	3
123	AC	CONT, OPTICS, REMOTE		1900946-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	3
122	AC	TEST CONTROL		1902009-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	3
121	AC	ADPT MODULE, P.S.A.		1902431-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	3
120	AC	BRIDGE, DECADE ERROR		2900128-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	3
119	AC	PWR SUP, ELECTRONICS		2900012-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	3
118	AC	PWR SUP, RELAY AND LAMP		1900049-031			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	3
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	3
116	AC	ADPT MODULE, P.S.A.		1902431-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	3
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	3
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	3
113	AC	CONTROL, GIMBAL POSITION		2900036-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	3
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	3
111	AC	SEL, STG, OSCILLOGRAPH		2900034-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	3
110	AC	PANEL, PWR SUP AND LOAD		2900033-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	3
109	AC	PANEL, MONITOR		2900031-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	3
108	AC	PANEL, AUXILIARY INPUT		2900030-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	3
107	AC	CAGING ELECTRONICS, GYRO		2900029-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	3
106	AC	TEST SELECTOR		2900028-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	3
105	AC	TEST CONTROL		2900027-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	3
104	AC	MONITOR AND CONTROL, TEMP		2900026-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	3
103	AC	[illegible]		2900024-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	3
102	AC	VOLTAGE REFERENCE		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	3
101	AC	NAVIGATION BASE ASSEMBLY-LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	4
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	4

NOTES FOR TABLE
STYLE A IS FOR S & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1/1 1004260

AC DASH NUMBERS CONTINUED ON SHEET 6

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
199	AC	EYEPIECE STORAGE UNIT		2021255-011			A	I						FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234		MAS-9-497	A	I	NOTE 11B					FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
197	AC	SIGNAL CONDITIONER ASSY C/M		2007235		MAS-9-497	A	I	NOTE 11B					FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010		MAS-9-497	A	I	NOTE 11B					FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009		MAS-9-497	A	I	NOTE 11B					FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
194	AC	PANEL, MONITOR		2900031-031		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
193	AC	DISTRIBUTION BOX, SSE		2900024-031		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
191	AC	TEST CONTROL		2900027-031		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
190	AC	PANEL, PWR SUP AND LOAD		2900033-021		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
189	AC	ADPT MODULE, P.S.A.		6900088-011		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
188	AC	ADPT MODULE, P.S.A.		2901143-011		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
186	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-021			A							FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
185	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-011			A	I						FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
184	AC	FIX., HAND., G AND N HARNESS		1901846-041		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
183	AC	INSTALLING TOOL, ELEC. CONN		1902586-011		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 102 VALUES BELOW									
182	AC	ADPT MODULE, P.S.A.		6900086-011		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011		MAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593
180	AC	ADPT MODULE, P.S.A.		1302431-031		MAS-9-497	B	II						FOR DIMENSIONS SEE DASH 121 VALUES BELOW									
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011		MAS-9-497	B	II						FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
178	AC	MOUNTING PLATE, COMPONENT		6900007-021		MAS-9-497	B	II						FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021		MAS-9-497	B	II						FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
176	AC	FIX., MOUNTING, G & N		2900067-021		MAS-9-497	B	II						FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
175	AC	CSL, COOL. AND PWR, S & N		1902134-031		MAS-9-497	B	II						FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
173	AC	FIX., HANDLING, C/M PSA		2900998-011		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
172	AC	CAGING ELECTRONICS, GYRO		2900029-021		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
171	AC	DISTRIBUTION BOX, SSE		2900024-021		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
169	AC	ADPT TESTPOINT, P,S,A,		2900037-021		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
168	AC	TEST SELECTOR		2900028-021		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
167	AC	TEST CONTROL		2900027-021		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
166	AC	PANEL, MONITOR		2900031-041		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
164	AC	INPUT/OUTPUT PANEL		2900926-011		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
163	AC	CONTROL PANEL		2900896-011		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
161	AC	FIX., LIFT AND HAND., IMU		1013462-011		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
160	AC	FIX., HAND., G & N HARNESS		1901846-031		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
159	AC	BATTERY POWER PACK		1900011-021		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222		MAS-9-497	A	I	NOTE 11B					FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222		MAS-9-497	A	I	NOTE 11B					FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
156	AC	POWER & SERVO ASSEMBLY C/M		2007200		MAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201		MAS-9-497	A	I	NOTE 11B					FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
154	AC	PULSE TORQUE ASSEMBLY LEM		6007011		MAS-9-497	A	I	NOTE 11B					FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
153	AC	POWER & SERVO ASSEMBLY-LEM		6007200		MAS-9-497	A	I	NOTE 11B					FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
152	AC	CDWY PNL, RSVR CKT TESTER		2900770-011		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
150	AC	JUNCTION BOX, P.S.A./G.S.E.		1901933-021		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
149	AC	BATTERY PACK, LIFTING		2900812-011		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
148	AC	MOUNTING PLATE, COMPONENT		6900007-011		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
147	AC	MOUNTING PLATE, COMPONENT		2900677-011		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
146	AC	CART, TRANS, G & N		1900009-041		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		MAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
144	AC	FIX., MOUNTING, G & N		1102204-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA	.125	1.625	1.140	.890
143	AC	CSL, COOL, AND PWR, G & N		1902134-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA	.125	1.625	1.140	.890
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA	.125	1.625	1.140	.890
141	AC	CONT, TEMP, PORTABLE		2900060-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA	.125	1.625	1.140	.890
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA	.125	1.625	1.140	.890
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA	.125	1.625	1.140	.890
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA	.125	1.625	1.140	.890
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA	.125	1.625	1.140	.890
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA	.125	1.625	1.140	.890
134	AC	FIX., HAND., G & N HARNESS		2900069-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA	.125	1.625	1.140	.890
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA	.125	1.625	1.140	.890
132	AC	FIX., MOUNTING, G & N		2900067-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA	.125	1.625	1.140	.890
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA	.125	1.625	1.140	.890
130	AC	TESTER, GYRO WHEEL		2900061-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA	.125	1.625	1.140	.890
129	AC	COOLANT SUPPLY		1902133-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA	.125	1.625	1.140	.890
128	AC	TABLE, ROTARY		1900926-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA	.125	1.625	1.140	.890
127	AC	FIX., HAND., OPTICS		2900074-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484
126	AC	FIXTURE, MTG, PTA/PEA,		2900066-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484
125	AC	CONT, TEMP, IMU LIFTING		2900063-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484
124	AC	FIXTURE, HANDLING, IMU		2900064-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484
123	AC	CONT, OPTICS, REMOTE		1902046-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484
122	AC	TEST CONTROL		1902009-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484
121	AC	ADPT MODULE, P.S.A.		1302431-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484
120	AC	BRIDGE, DECADE ERROR		2900128-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484
119	AC	PWR SUP, ELECTRONICS		2900012-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484
118	AC	PWR SUP, RELAY AND LAMP		1900049-031			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484
116	AC	ADPT MODULE, P.S.A.		1902431-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484
115	AC	ADPT, TEST POINT, PTA/PEA,		2900145-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484
114	AC	ADPT, TEST POINT, P.S.A		2900037-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484
113	AC	CONTROL, GIMBAL POSITION		2900036-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484
110	AC	PANEL, PWR SUP AND LOAD		2900033-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484
109	AC	PANEL, MONITOR		2900031-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484
108	AC	PANEL, AUXILIARY INPUT		2900030-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484
107	AC	CAGING ELECTRONICS, GYRO		2900029-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484
106	AC	TEST SELECTOR		2900028-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484
105	AC	TEST CONTROL		2900027-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484
104	AC	MONITOR AND CONTROL, TEMP		2900026-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484
103	AC	DISTRIBUTION BOX, SSE		2900024-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484
101	AC	NAVIGATION BASE ASSEMBLY-LEM		6899950		MAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593
100	AC	NAVIGATION BASE ASSEMBLY		2899982		MAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

17100426-0

AC DASH NUMBERS CONTINUED ON SHEET 6

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
199	AC	EYEPIECE STOWAGE UNIT		2021255-011			A	I		FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
198	AC	SIGNAL CONDITIONER ASSY C/W		2007234		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
197	AC	SIGNAL CONDITIONER ASSY C/W		2007235		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
194	AC	PANEL, MONITOR		2900031-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
193	AC	DISTRIBUTION BOX, GSE		2900024-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
191	AC	TEST CONTROL		2900027-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
190	AC	PANEL, PWR SUP AND LOAD		2900033-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
189	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
188	AC	ADPT MODULE, P.S.A.		2901143-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
187	AC	FIXTURE, MTG, PTA/MEA		2900066-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
186	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-021			A	I		FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
185	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-011			A	I		FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
184	AC	FIX., HAND., G AND N HARNESS		190.846-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
183	AC	INSTALLING TOOL, ELEC, CONN		1902586-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 102 VALUES BELOW													
182	AC	ADPT MODULE, P.S.A.		6900088-011		NAS 9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011		NAS-9-497	A	I	NOTE 11B	3.000	1.938	1.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.906	.688
180	AC	ADPT MODULE, P.S.A.		1902431-031		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 121 VALUES BELOW													
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
178	AC	[illegible]		[illegible]		[illegible]	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
176	AC	FIX., MOUNTING, G & N		2900067-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
175	AC	CSL, COOL. AND PWR, G & N		1902134-031		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
174	AC	FIX., HAND., C/W AND LEM CDU		2900999-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
173	AC	FIX., HANDLING, C/W PSA		2900998-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
172	AC	CAGING ELECTRONICS, GYRO		2900029-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
171	AC	DISTRIBUTION BOX, GSE		2900024-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
169	AC	ADPT, TESTPOINT, P.S.A.		2900037-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
168	AC	TEST SELECTOR		2900028-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
167	AC	TEST CONTROL		2900027-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
166	AC	PANEL, MONITOR		2900031-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
164	AC	INPUT/OUTPUT PANEL		2900926-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
163	AC	CONTROL PANEL		2900896-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
161	AC	FIX., LIFT AND HAND., IMU		1015462-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
160	AC	FIX., HAND., G & N HARNESS		1901846-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
159	AC	BATTERY POWER PACK		1900011-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
158	AC	COUPLING DATA UNIT ASSEMBLY C/W		2007222		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
156	AC	POWER & SERVO ASSEMBLY C/W		2007200		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.398
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
154	AC	PULSE TORQUE ASSEMBLY-LEM		6007000		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
153	AC	POWER & SERVO ASSEMBLY LEM		6007200		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
[illegible]		[illegible]		[illegible]		[illegible]	B	II		FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
150	AC	JUNCTION BOX, P.S.A./G.S.E.		1901933-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
149	AC	BATTERY PACK, LIFTING		2900812-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
148	AC	MOUNTING PLATE, COMPONENT		6900007-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
147	AC	MOUNTING PLATE, COMPONENT		2900677-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
146	AC	CART, TRANS, G & N		1900009-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
144	AC	FIX., MOUNTING, G & N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.890	.640
143	AC	CSL, COOL, AND PWR, G & N		1902134-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.890	.640
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.890	.640
141	AC	CONT, TEMP, PORTABLE		2900060-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.398
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.890	.640
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.890	.640
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.890	.640
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.890	.640
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.890	.640
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.890	.640
134	AC	FIX., HAND., G & N HARNESS		2900069-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.890	.640
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.890	.640
132	AC	FIX., MOUNTING, G & N		2900067-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.890	.640
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.890	.640
130	AC	TESTER, GYRO WHEEL		2900061-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.890	.640
129	AC	COOLANT SUPPLY		1902133-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.890	.640
128	AC	TABLE, ROTARY		1900926-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.890	.640
127	AC	FIX., HAND., OPTICS		2900074-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.398
126	AC	FIXTURE, MTG, PTA/MEA.		2900066-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.398
125	AC	CONT, TEMP, IMU LIFTING		2900063-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.398
124	AC	FIXTURE, HANDLING, IMU		2900064-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.398
123	AC	CONT, OPTICS, REMOTE		1902046-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.398
122	AC	TEST CONTROL		1902009-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.398
121	AC	ADPT MODULE, P.S.A.		1902431-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.398
120	AC	BRIDGE, SCALE FACTOR		2900478-041			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.398
119	AC	PWR SUP, ELECTRONICS		2900017-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.398
118	AC	PWR SUP, RELAY AND LAMP		1900049-031			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.398
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.398
116	AC	ADPT MODULE, P.S.A.		1902431-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.398
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.398
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.398
113	AC	CONTROL, GIMBAL POSITION		2900036-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.398
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.398
111	AC	SEL, STG, OSCILLOGRAPH		2900034-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.398
110	AC	PANEL, PWR SUP AND LOAD		2900033-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.398
109	AC	PANEL, MONITOR		2900031-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.398
108	AC	PANEL, AUXILIARY INPUT		2900030-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.398
107	AC	CAGING ELECTRONICS, GYRO		2900029-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.398
106	AC	TEST SELECTOR		2900028-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.398
105	AC	TEST CONTROL		2900027-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.398
104	AC	MONITOR AND CONTROL, TEMP		2900026-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.398
103	AC	DISTRIBUTION BOX, GSE		2900024-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.398
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.398
101	AC	NAVIGATION BASE ASSEMBLY-LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1004260 SHT 4

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AC DASH NUMBERS CONTINUED ON SHEET 6

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
199	AC	EYEPIECE STOWAGE UNIT		2021255-011			A	I						FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234		NAS-9-497	A	I	NOTE 11B					FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
197	AC	SIGNAL CONDITIONER ASSY C/M		2007235		NAS-9-497	A	I	NOTE 11B					FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010		NAS-9-497	A	I	NOTE 11B					FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009		NAS-9-497	A	I	NOTE 11B					FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
194	AC	PANEL, MONITOR		2900031-031		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
193	AC	DISTRIBUTION BOX, GSE		2900024-031		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
191	AC	TEST CONTROL		2900027-031		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
190	AC	PANEL, PWR SUP AND LOAD		2900033-021		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
189	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
188	AC	ADPT MODULE, P.S.A.		2901143-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
186	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-021			A	I						FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
185	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-011			A	I						FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
184	AC	FIX., HAND., G AND N HARNESS		1901946-041		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
183	AC	INSTALLING TOOL, ELEC, CONN		1902586-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 102 VALUES BELOW									
182	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
[illegible]		[illegible]		[illegible]		NAS-9-497	A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.906	.688
180	AC	ADPT MODULE, P,S,A,		1902431-031		NAS-9-497	B	II						FOR DIMENSIONS SEE DASH 121 VALUES BELOW									
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011		NAS-9-497	B	II						FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
178	AC	MOUNTING PLATE, COMPONENT		6900007-021		NAS-9-497	B	II						FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021		NAS-9-497	B	II						FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
176	AC	FIX., MOUNTING, G & N		2900067-021		NAS-9-497	B	II						FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
175	AC	CSL, COOL, AND PWR, G & N		1902134-031		NAS-9-497	B	II						FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
173	AC	FIX., HANDLING, C/M PSA		2900998-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
172	AC	CAGING ELECTRONICS, GYRO		2900029-021		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
171	AC	DISTRIBUTION BOX, GSE		2900024-021		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
*69	AC	ADPT, TESTPOINT, P.S.A.		2900037-021		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
168	AC	TEST SELECTOR		2900028-021		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
167	AC	TEST CONTROL		2900027-021		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
166	AC	PANEL, MONITOR		2900031-021		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
164	AC	INPUT/OUTPUT PANEL		2900926-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
163	AC	CONTROL PANEL		2900896-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
161	AC	FIX., LIFT AND HAND., IMU		1015462-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
160	AC	FIX., HAND., G & N HARNESS		1901946-031		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
159	AC	BATTERY POWER PACK		1900011-031		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222		NAS-9-497	A	I	NOTE 11B					FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222		NAS-9-497	A	I	NOTE 11B					FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
156	AC	POWER & SERVO ASSEMBLY C/M		2007200		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201		NAS-9-497	A	I	NOTE 11B					FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
[illegible]	AC	[illegible]		6007000		NAS-9-497	A	I	NOTE 11B					FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
153	AC	POWER & SERVO ASSEMBLY-LEM		6007200		NAS-9-497	A	I	NOTE 11B					FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
150	AC	JUNCTION BOX, P.S.A./G.S.E.		1901933-021		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
149	AC	BATTERY PACK, LIFTING		2900812-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
148	AC	MOUNTING PLATE, COMPONENT		6900007-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
147	AC	MOUNTING PLATE, COMPONENT		2900677-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
146	AC	CART, TRANS, G & N		1900009-041		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
144	AC	FIX., MOUNTING, G & N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
143	AC	CSL, COOL, AND PWR, G & N		1902134-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
141	AC	CONT, TEMP, PORTABLE		2900060-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
139	AC	SIMULATOR, LD/STG, CDU		2900285-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
138	AC	SIMULATOR, LD/STG, OPTICS		1902023-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
134	AC	FIX., HAND., G & N HARNESS		2900069-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
132	AC	FIX., MOUNTING, G & N		2900067-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
131	AC	SIMULATOR, LD/STG, IMU/CDU		2900062-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
130	AC	TESTER, GYRO WHEEL		2900061-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
129	AC	COOLANT SUPPLY		1902133-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
128	AC	TABLE, ROTARY		1900926-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.890	.640
127	AC	FIX., HAND., OPTICS		2900074-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
126	AC	FIXTURE, MTG, PTA/PEA.		2900066-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
125	AC	CONT, TEMP, IMU LIFTING		2900063-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
124	AC	FIXTURE, HANDLING, IMU		2900064-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
123	AC	CONT, OPTICS, REMOTE		1902046-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
122	AC	TEST CONTROL		1902009-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
121	AC	ADPT MODULE, P.S.A.		1902431-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
120	AC	BRIDGE, DECADE ERROR		2900128-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
119	AC	PWR SUP, ELECTRONICS		2900012-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
118	AC	PWR SUP, RELAY AND LAMP		1900049-031			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
116	AC	ADPT MODULE, P.S.A.		1902431-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
113	AC	CONTROL, GIMBAL POSITION		2900036-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
111	AC	SEL, STG, OSCILLOGRAPH		2900034-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
110	AC	PANEL, PWR SUP AND LOAD		2900033-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
109	AC	PANEL, MONITOR		2900031-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
108	AC	PANEL, AUXILIARY INPUT		2900030-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
107	AC	CAGING ELECTRONICS, GYRO		2900029-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
106	AC	TEST SELECTOR		2900028-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
105	AC	TEST CONTROL		2900027-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
104	AC	MONITOR AND CONTROL, TEMP		2900026-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.358
103	AC	DISTRIBUTION BOX, GSE		2900024-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484	.358
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.25	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608	.484	.358
101	AC	NAVIGATION BASE ASSEMBLY-LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1/1 1004260

AC DASH NUMBERS CONTINUED ON SHEET 6

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
199	AC	EYEPIECE STOWAGE UNIT		2021255-011			A	I		FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
197	AC	SIGNAL CONDITIONER ASSY C/M		2007235		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
194	AC	PANEL, MONITOR		2900031-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
193	AC	DISTRIBUTION BOX, GSE		2900024-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
191	AC	TEST CONTROL		2900027-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
190	AC	PANEL, PWR SUP AND LOAD		2900033-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
189	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
188	AC	ADPT MODULE, P.S.A.		2901143-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
186	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-021			A	I		FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
185	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-011			A	I		FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
184	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
183	AC	INSTALLING TOOL, ELEC. CONN		1902586-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 102 VALUES BELOW												
182	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011		NAS-9-497	A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.9 6	.688
180	AC	ADPT MODULE, P.S.A.		1902431-031		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 121 VALUES BELOW												
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
178	AC	MOUNTING PLATE, COMPONENT		6900007-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
176	AC	FIX., MOUNTING, G & N		2900067-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
175	AC	CSL, COOL. AND PWR, G & N		1902134-031		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
173	AC	FIX., HANDLING, C/M PSA		2900998-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
172	AC	CAGING ELECTRONICS, GYRO		2900029-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
171	AC	DISTRIBUTION BOX, GSE		2900024-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
169	AC	ADPT, TESTPOINT, P.S.A.		2900037-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
168	AC	TEST SELECTOR		2900028-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
167	AC	TEST CONTROL		2900027-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
166	AC	PANEL, MONITOR		2900031-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
164	AC	INPUT/OUTPUT PANEL		2900926-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
163	AC	CONTROL PANEL		2900896-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
161	AC	FIX., LIFT AND HAND., IMU		1015462-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
160	AC	FIX., HAND., G & N HARNESS		1901846-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
159	AC	BATTERY POWER PACK		1900011-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
156	AC	POWER & SERVO ASSEMBLY C/M		2007200		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.4 4	.358
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
154	AC	PULSE TORQUE ASSEMBLY-LEM		6007000		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
153	AC	POWER & SERVO ASSEMBLY-LEM		6007200		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
150	AC	JUNCTION BOX, P.S.A./G.S.E.		1901933-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
149	AC	BATTERY PACK, LIFTING		2900812-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
148	AC	MOUNTING PLATE, COMPONENT		6900007-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
147	AC	MOUNTING PLATE, COMPONENT		2900677-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
146	AC	CART, TRANS, G & N		1900009-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
144	AC	FIX., MOUNTING, G & N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.8 0	.64
143	AC	CSL, COOL. AND PWR, G & N		1902134-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.8 0	.64
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.8 0	.64
141	AC	CONT, TEMP, PORTABLE		2900060-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4 4	.35
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.8 0	.64
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.8 0	.64
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.8 0	.64
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.8 0	.64
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.8 0	.64
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.8 0	.64
134	AC	FIX., HAND., G & N HARNESS		2900069-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.8 0	.64
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.8 0	.64
132	AC	FIX., MOUNTING, G & N		2900067-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.8 0	.64
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.8 0	.64
130	AC	TESTER, GYRO WHEEL		2900061-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.8 0	.64
129	AC	COOLANT SUPPLY		1902133-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.8 0	.64
128	AC	TABLE, ROTARY		1900926-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.8 0	.64
127	AC	FIX., HAND., OPTICS		2900074-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4 4	.35
126	AC	FIXTURE, MTG, PTA/PEA.		2900066-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4 4	.35
125	AC	CONT, TEMP, IMU LIFTING		2900063-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4 4	.35
124	AC	FIXTURE, HANDLING, IMU		2900064-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4 4	.35
123	AC	CONT, OPTICS, REMOTE		1902046-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4 4	.35
122	AC	TEST CONTROL		1902009-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4 4	.35
121	AC	ADPT MODULE, P.S.A.		1902431-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4 4	.35
120	AC	BRIDGE, DECADE ERROR		2900128-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4 4	.35
119	AC	PWR SUP, ELECTRONICS		2900012-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4 4	.35
118	AC	PWR SUP, RELAY AND LAMP		1900049-031			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4 4	.35
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4 4	.35
116	AC	ADPT MODULE, P.S.A.		1902431-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4 4	.35
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4 4	.35
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4 4	.35
113	AC	CONTROL, GIMBAL POSITION		2900036-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4 4	.35
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4 4	.35
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4 4	.35
110	AC	PANEL, PWR SUP AND LOAD		2900033-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4 4	.35
109	AC	PANEL, MONITOR		2900031-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4 4	.35
108	AC	PANEL, AUXILIARY INPUT		2900030-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4 4	.35
107	AC	CAGING ELECTRONICS, GYRO		2900029-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4 4	.35
106	AC	TEST SELECTOR		2900028-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4 4	.35
105	AC	TEST CONTROL		2900027-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4 4	.35
104	AC	MONITOR AND CONTROL, TEMP		2900026-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4 4	.35
103	AC	DISTRIBUTION BOX, GSE		2900024-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4 4	.35
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4 4	.35
101	AC	NAVIGATION BASE ASSEMBLY-LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.7 3	
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.7 3	

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1004260 DC SHT 4

1/4 1004260

AC DASH NUMBERS CONTINUED ON SHEET 6

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
199	AC	EYEPIECE STOWAGE UNIT		2021255-011			A	I											FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
197	AC	SIGNAL CONDITIONER ASSY C/M		2007235		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
194	AC	PANEL, MONITOR		2900031-031		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
193	AC	DISTRIBUTION BOX, GSE		2900024-031		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
191	AC	TEST CONTROL		2900027-031		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
190	AC	PANEL, PWR SUP AND LOAD		2900033-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
189	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
188	AC	ADPT MODULE, P.S.A.		2901143-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
186	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-021			A	I											FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
185	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-011			A	I											FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
184	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
183	AC	INSTALLING TOOL, ELEC, CONN		1902586-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 102 VALUES BELOW				
182	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011		NAS-9-497	A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.906	.69
180	AC	ADPT MODULE, P.S.A.		1902431-031		NAS-9-497	B	II											FOR DIMENSIONS SEE DASH 121 VALUES BELOW				
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011		NAS-9-497	B	II											FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
178	AC	MOUNTING PLATE, COMPONENT		6900007-021		NAS-9-497	B	II											FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021		NAS-9-497	B	II											FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
176	AC	FIX., MOUNTING, G & N		2900067-021		NAS-9-497	B	II											FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
175	AC	CSL, COOL, AND PWR, G & N		1902134-031		NAS-9-497	B	II											FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
173	AC	FIX., HANDLING, C/M PSA		2900998-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
172	AC	CAGING ELECTRONICS, GYRO		2900029-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
171	AC	DISTRIBUTION BOX, GSE		2900024-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
169	AC	ADPT, TESTPOINT, P.S.A.		2900037-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
168	AC	TEST SELECTOR		2900028-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
167	AC	TEST CONTROL		2900027-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
166	AC	PANEL, MONITOR		2900031-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
164	AC	INPUT/OUTPUT PANEL		2900926-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
163	AC	CONTROL PANEL		2900896-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
161	AC	FIX., LIFT AND HAND., IMU		1015462-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
160	AC	FIX., HAND., G & N HARNESS		1901846-031		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
159	AC	BATTERY POWER PACK		1900011-031		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
156	AC	POWER & SERVO ASSEMBLY C/M		2007200		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.3
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
154	AC	PULSE TORQUE ASSEMBLY LEM		6007202		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
153	AC	POWER & SERVO ASSEMBLY-LEM		6007200		NAS-9-497	A	I	NOTE 11B										FOR DIMENSIONS SEE DASH 100 VALUES BELOW				
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
150	AC	JUNCTION BOX, P.S.A./G.S.E.		1901933-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
149	AC	BATTERY PACK, LIFTING		2900812-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 141 VALUES BELOW				
148	AC	MOUNTING PLATE, COMPONENT		6900007-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
147	AC	MOUNTING PLATE, COMPONENT		2900677-011		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
146	AC	CART, TRANS, G & N		1900009-041		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS-9-497	B	II	NOTE 11C										FOR DIMENSIONS SEE DASH 144 VALUES BELOW				
144	AC	FIX., MOUNTING, G & N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	100 104	.125	1.625	1.140	.89	.6
143	AC	CSL, COOL, AND PWR, G & N		1902134-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	103	.125	.625	1.140	.89	.6
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.89	.6
141	AC	CONT, TEMP, PORTABLE		2900060-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.3
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.89	.6
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.89	.6
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.89	.6
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.89	.6
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.89	.6
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.89	.6
134	AC	FIX., HAND., G & N HARNESS		2900069-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.89	.6
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.89	.6
132	AC	FIX., MOUNTING, G & N		2900067-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.89	.6
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.89	.6
130	AC	TESTER, GYRO WHEEL		2900061-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.89	.6
129	AC	COOLANT SUPPLY		1902133-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.89	.6
128	AC	TABLE, ROTARY		1900926-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.89	.6
127	AC	FIX., HAND, OPTICS		2900074-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.3
126	AC	FIXTURE, MTG, PTA/PEA.		2900066-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.3
125	AC	CONT, TEMP, IMU LIFTING		2900063-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.3
124	AC	FIXTURE, HANDLING, IMU		2900064-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.3
123	AC	CONT, OPTICS, REMOTE		1902046-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.3
122	AC	TEST CONTROL		1902009-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.3
121	AC	ADPT MODULE, P.S.A.		1902431-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.3
120	AC	BRIDGE, DECADE ERROR		2900128-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.3
119	AC	PWR SUP, ELECTRONICS		2900012-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.3
118	AC	PWR SUP, RELAY AND LAMP		1900049-031			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.3
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.3
116	AC	ADPT MODULE, P.S.A.		1902431-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.3
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.3
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.3
113	AC	CONTROL, GIMBAL POSITION		2900036-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.3
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.3
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.3
110	AC	PANEL, PWR SUP AND LOAD		2900033-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.3
109	AC	PANEL, MONITOR		2900031-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.3
108	AC	PANEL, AUXILIARY INPUT		2900030-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.3
107	AC	CAGING ELECTRONICS, GYRO		2900029-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.3
106	AC	TEST SELECTOR		2900028-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.3
105	AC	TEST CONTROL		2900027-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.3
104	AC	MONITOR AND CONTROL, TEMP		2900026-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.3
103	AC	DISTRIBUTION BOX, GSE		2900024-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484	.3
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	100 104	.093	.858	.608	.484	.3
101	AC	NAVIGATION BASE ASSEMBLY-LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.59	.4
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.59	.4

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1004260

AC DASH NUMBERS CONTINUED ON SHEET 6

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
199	AC	EYEPIECE STOWAGE UNIT		2021255-011			A	I		FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
197	AC	SIGNAL CONDITIONER ASSY C/M		2007235		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
194	AC	PANEL, MONITOR		2900031-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
193	AC	DISTRIBUTION BOX, GSE		2900024-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
191	AC	TEST CONTROL		2900027-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
190	AC	PANEL, PWR SUP AND LOAD		2900033-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
189	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
188	AC	ADPT MODULE, P.S.A.		2901143-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
186	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-021			A	I		FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
185	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-011			A	I		FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
184	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
183	AC	INSTALLING TOOL, ELEC, CONN		1902586-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 102 VALUES BELOW												
182	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011		NAS-9-497	A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.90
180	AC	ADPT MODULE, P.S.A.		1902431-031		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
178	AC	MOUNTING PLATE, COMPONENT		6900007-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
176	AC	FIX., MOUNTING, G & N		2900067-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
175	AC	CSL, COOL. AND PWR, G & N		1902134-031		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
173	AC	FIX., HANDLING, C/M PSA		2900998-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
172	AC	CAGING ELECTRONICS, GYRO		2900029-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
171	AC	DISTRIBUTION BOX, GSE		2900024-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
169	AC	ADPT, TESTPOINT, P.S.A.		2900037-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
168	AC	TEST SELECTOR		2900028-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
167	AC	TEST CONTROL		2900027-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
166	AC	PANEL, MONITOR		2900031-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
164	AC	INPUT/OUTPUT PANEL		2900926-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
163	AC	CONTROL PANEL		2900896-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
161	AC	FIX., LIFT AND HAND., IMU		1015462-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
160	AC	FIX., HAND., G & N HARNESS		1901846-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
159	AC	BATTERY POWER PACK		1900011-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
156	AC	POWER & SERVO ASSEMBLY C/M		2007200		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.719	NA	.093	.031	.06	.093	NA	NA	.858	.608	.48
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
154	AC	PULSE TORQUE ASSEMBLY-LEM		6007000		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
153	AC	POWER & SERVO ASSEMBLY-LEM		6007200		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
150	AC	JUNCTION BOX, P.S.A./G.S.E.		1901933-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
149	AC	BATTERY PACK, LIFTING		2900812-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
148	AC	MOUNTING PLATE, COMPONENT		6900007-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
147	AC	MOUNTING PLATE, COMPONENT		2900677-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
146	AC	CART, TRANS, G & N		1900009-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
144	AC	FIX., MOUNTING, G & N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	B	.125	1.625	1.140	.80
143	AC	CSL, COOL, AND PWR, G & N		1902134-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	A	.125	1.625	1.140	.80
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.80
141	AC	CONT, TEMP, PORTABLE		2900060-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.44
140	AC	TESTER, CKT, IMU/CDU RSVR		2900296-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.80
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.80
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.80
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.80
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.80
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.80
134	AC	FIX., HAND., G & N HARNESS		2900069-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.80
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.80
132	AC	FIX., MOUNTING, G & N		2900067-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.80
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.80
130	AC	TESTER, GYRO WHEEL		2900061-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.80
129	AC	COOLANT SUPPLY		1902133-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.80
128	AC	TABLE, ROTARY		1900926-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.80
127	AC	FIX., HAND., OPTICS		2900074-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.44
126	AC	FIXTURE, MTG, PTA/PEA,		2900066-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.44
125	AC	CONT, TEMP, IMU LIFTING		2900063-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.44
124	AC	FIXTURE, HANDLING, IMU		2900064-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.44
123	AC	CONT, OPTICS, REMOTE		1902046-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.44
122	AC	TEST CONTROL		1902009-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.44
121	AC	ADPT MODULE, P.S.A.		1902431-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.44
120	AC	BRIDGE, DECADE ERROR		2900128-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.44
119	AC	PWR SUP, ELECTRONICS		2900012-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.44
118	AC	PWR SUP, RELAY AND LAMP		1900049-031			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.44
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.44
116	AC	ADPT MODULE, P.S.A.		1902431-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.44
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.44
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.44
113	AC	CONTROL, GIMBAL POSITION		2900036-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.44
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.44
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.44
110	AC	PANEL, PWR SUP AND LOAD		2900033-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.44
109	AC	PANEL, MONITOR		2900031-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.44
108	AC	PANEL, AUXILIARY INPUT		2900030-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.44
107	AC	CAGING ELECTRONICS, GYRO		2900029-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.44
106	AC	TEST SELECTOR		2900028-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.44
105	AC	TEST CONTROL		2900027-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.44
104	AC	MONITOR AND CONTROL, TEMP		2900026-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.44
103	AC	DISTRIBUTION BOX, GSE		2900024-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.44
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.44
101	AC	NAVIGATION BASE ASSEMBLY-LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.50
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.50

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1 A1 1004260

AC DASH NUMBERS CONTINUED ON SHEET 6

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
199	AC	EYEPIECE STOWAGE UNIT		2021255-011			A	I						FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234		NAS-9-497	A	I	NOTE 11B					FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
197	AC	SIGNAL CONDITIONER ASSY C/M		2007235		NAS-9-497	A	I	NOTE 11B					FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010		NAS-9-497	A	I	NOTE 11B					FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009		NAS-9-497	A	I	NOTE 11B					FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
194	AC	PANEL, MONITOR		2900031-031		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
193	AC	DISTRIBUTION BOX, GSE		2900024-031		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
191	AC	TEST CONTROL		2900027-031		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
190	AC	PANEL, PWR SUP AND LOAD		2900033-021		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
189	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
188	AC	ADPT MODULE, P.S.A.		2901143-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
186	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-021			A	I						FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
185	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-011			A	I						FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
184	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
183	AC	INSTALLING TOOL, ELEC, CONN		1902586-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 102 VALUES BELOW									
182	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011		NAS-9-497	A	I	NOTE 11B	2.000	1.938	2.427	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.500
180	AC	ADPT MODULE, P.S.A.		1902431-031		NAS-9-497	B	II						FOR DIMENSIONS SEE DASH 121 VALUES BELOW									
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011		NAS-9-497	B	II						FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
178	AC	MOUNTING PLATE, COMPONENT		6900007-021		NAS-9-497	B	II						FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021		NAS-9-497	B	II						FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
176	AC	FIX., MOUNTING, G & N		2900067-021		NAS-9-497	B	II						FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
175	AC	CSL, COOL, AND PWR, G & N		1902134-031		NAS-9-497	B	II						FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
173	AC	FIX., HANDLING, C/M PSA		2900998-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
172	AC	CAGING ELECTRONICS, GYRO		2900029-021		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
171	AC	DISTRIBUTION BOX, GSE		2900024-021		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
169	AC	ADPT, TESTPOINT, P.S.A.		2900037-021		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
168	AC	TEST SELECTOR		2900028-021		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
167	AC	TEST CONTROL		2900027-021		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
166	AC	PANEL, MONITOR		2900031-021		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
164	AC	INPUT/OUTPUT PANEL		2900926-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
163	AC	CONTROL PANEL		2900896-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
161	AC	FIX., LIFT AND HAND., IMU		1015462-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
160	AC	FIX., HAND., G & N HARNESS		1901846-031		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
159	AC	BATTERY POWER PACK		1900011-031		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222		NAS-9-497	A	I	NOTE 11B					FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222		NAS-9-497	A	I	NOTE 11B					FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
156	AC	POWER & SERVO ASSEMBLY C/M		2007200		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.406
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201		NAS-9-497	A	I	NOTE 11B					FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
154	AC	PULSE TORQUE ASSEMBLY LEM		6007200		NAS-9-497	A	I	NOTE 11B					FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
153	AC	POWER & SERVO ASSEMBLY-LEM		6007200		NAS-9-497	A	I	NOTE 11B					FOR DIMENSIONS SEE DASH 100 VALUES BELOW									
152	AC	CONT PNL, RSVR CKT TESTER		2900170-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
150	AC	JUNCTION BOX, P.S.A./G.S.E.		1901933-021		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
149	AC	BATTERY PACK, LIFTING		2900812-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 141 VALUES BELOW									
148	AC	MOUNTING PLATE, COMPONENT		6900007-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
147	AC	MOUNTING PLATE, COMPONENT		2900677-011		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
146	AC	CART, TRANS, G & N		1900009-041		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS-9-497	B	II	NOTE 11C					FOR DIMENSIONS SEE DASH 144 VALUES BELOW									
144	AC	FIX., MOUNTING, G & N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.800
143	AC	CSL, COOL, AND PWR, G & N		1902134-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.800
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.800
141	AC	CONT, TEMP, PORTABLE		2900060-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.406
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.800
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.800
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.800
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.800
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.800
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.800
134	AC	FIX., HAND., G & N HARNESS		2900069-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.800
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.800
132	AC	FIX., MOUNTING, G & N		2900067-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.800
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.800
130	AC	TESTER, GYRO WHEEL		2900061-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.800
129	AC	COOLANT SUPPLY		1902133-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.800
128	AC	TABLE, ROTARY		1900926-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.800
127	AC	FIX., HAND., OPTICS		2900074-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.406
126	AC	FIXTURE, MTG, PTA/PEA.		2900066-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.406
125	AC	CONT, TEMP, IMU LIFTING		2900063-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.406
124	AC	FIXTURE, HANDLING, IMU		2900064-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.406
123	AC	CONT, OPTICS, REMOTE		1902046-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.406
122	AC	TEST CONTROL		1902009-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.406
121	AC	ADPT MODULE, P.S.A.		1902431-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.406
120	AC	BRIDGE, DECADE ERROR		2900128-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.406
119	AC	PWR SUP, ELECTRONICS		2900012-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.406
118	AC	PWR SUP, RELAY AND LAMP		1900049-031			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.406
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.406
116	AC	ADPT MODULE, P.S.A.		1902431-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.406
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.406
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.406
113	AC	CONTROL, GIMBAL POSITION		2900036-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.406
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.406
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.406
110	AC	PANEL, PWR SUP AND LOAD		2900033-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.406
109	AC	PANEL, MONITOR		2900031-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.406
108	AC	PANEL, AUXILIARY INPUT		2900030-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.406
107	AC	CAGING ELECTRONICS, GYRO		2900029-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.406
106	AC	TEST SELECTOR		2900028-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.406
105	AC	TEST CONTROL		2900027-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.406
104	AC	MONITOR AND CONTROL, TEMP		2900026-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.406
103	AC	DISTRIBUTION BOX, GSE		2900024-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.406
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.406
101	AC	NAVIGATION BASE ASSEMBLY-LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.343
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.343

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1004260 SHT 4

1004260

AC DASH NUMBERS CONTINUED ON SHEET 6

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M
199	AC	EYEPIECE STOWAGE UNIT		2021255-011			A	I		FOR DIMENSIONS SEE DASH 100 VALUES BELOW											
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW											
197	AC	SIGNAL CONDITIONER ASSY C/M		2007235		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW											
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW											
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW											
194	AC	PANEL, MONITOR		2900031-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
193	AC	DISTRIBUTION BOX, GSE		2900024-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
191	AC	TEST CONTROL		2900027-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
190	AC	PANEL, PWR SUP AND LOAD		2900033-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
189	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
188	AC	ADPT MODULE, P.S.A.		2901143-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
186	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-021			A	I		FOR DIMENSIONS SEE DASH 100 VALUES BELOW											
185	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-011			A	I		FOR DIMENSIONS SEE DASH 100 VALUES BELOW											
184	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
183	AC	INSTALLING TOOL, ELEC, CONN		1302586-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 102 VALUES BELOW											
182	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011		NAS-9-497	A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125
180	AC	ADPT MODULE, P.S.A.		1900232-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 121 VALUES BELOW											
179	AC	MOUNTING PLATE, IMU/PTA		69C0083-011		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
178	AC	MOUNTING PLATE, COMPONENT		6900007-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
176	AC	FIX., MOUNTING, G & N		2900067-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
175	AC	CSL, CDDL, AND PWR, G & N		1902134-031		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
173	AC	FIX., HANDLING, C/M PSA		2900998-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
172	AC	CAGING ELECTRONICS, GYRO		2900029-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
171	AC	DISTRIBUTION BOX, GSE		2900024-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
169	AC	ADPT, TESTPOINT, P.S.A.		2900037-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
168	AC	TEST SELECTOR		2900028-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
167	AC	TEST CONTROL		2900027-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
166	AC	PANEL, MONITOR		2900031-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
165	AC	TERM, BOARD STORAGE DRAWER		2900927-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
164	AC	INPUT/OUTPUT PANEL		2900926-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
163	AC	CONTROL PANEL		2900896-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
162	AC	GSL, CAL AND TEST, SCM/PSAAM		2900895-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
161	AC	FIX., LIFT AND HAND., IMU		1015462-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
160	AC	FIX., HAND., G & N HARNESS		1901846-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
159	AC	BATTERY POWER PACK		1900011-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW											
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW											
156	AC	POWER & SERVO ASSEMBLY C/M		2007200		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW											
154	AC	PULSE TORQUE ASSEMBLY-LEM		6007000		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW											
153	AC	POWER & SERVO ASSEMBLY-LEM		6007200		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW											
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
150	AC	JUNCTION BOX, P.S.A./G.S.E.		1901933-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
149	AC	BATTERY PACK, LIFTING		2900812-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
148	AC	MOUNTING PLATE, COMPONENT		6900007-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
147	AC	MOUNTING PLATE, COMPONENT		2900677-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
146	AC	CART, TRANS, G & N		1900009-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
144	AC	FIX., MOUNTING, G & N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
143	AC	CSL, CLOL, AND PWR, G & N		1902134-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
141	AC	CONT, TEMP, PORTABLE		2900060-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
134	AC	FIX., HAND., G & N HARNESS		2900069-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
132	AC	FIX., MOUNTING, G & N		2900067-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
130	AC	TESTER, GYRO WHEEL		2900061-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
129	AC	COOLANT SUPPLY		1902133-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
128	AC	TABLE, ROTARY		1900926-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
127	AC	FIX., HAND., OPTICS		2900074-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
126	AC	FIXTURE, MTG, PTA/PEA.		2900066-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
125	AC	CONT, TEMP, IMU LIFTING		2900063-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
124	AC	FIXTURE, HANDLING, IMU		2900064-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
123	AC	CONT, OPTICS, REMOTE		1902046-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
122	AC	TEST CONTROL		1902009-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
121	AC	ADPT MODULE, P.S.A.		1902431-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
120	AC	BRIDGE, DECADE ERROR		2900128-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
119	AC	PWR SUP, ELECTRONICS		2900012-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
118	AC	PWR SUP, RELAY AND LAMP		1900049-031			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
116	AC	ADPT MODULE, P.S.A.		1902431-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
113	AC	CONTROL, GIMBAL POSITION		2900036-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
110	AC	PANEL, PWR SUP AND LOAD		2900033-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
109	AC	PANEL, MONITOR		2900031-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
108	AC	PANEL, AUXILIARY INPUT		2900030-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
107	AC	CAGING ELECTRONICS, GYRO		2900029-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
106	AC	TEST SELECTOR		2900028-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
105	AC	TEST CONTROL		2900027-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
104	AC	MONITOR AND CONTROL, TEMP		2900026-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
103	AC	DISTRIBUTION BOX, GSE		2900024-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
101	AC	NAVIGATION BASE ASSEMBLY-LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

AC DASH NUMBERS CONTINUED ON SHEET 6

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M
199	AC	EYEPIECE STOWAGE UNIT		2021255-011			A	I		FOR DIMENSIONS SEE DASH 100 VALUES BELOW											
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW											
197	AC	SIGNAL CONDITIONER ASSY C/M		2007235		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW											
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW											
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW											
194	AC	PANEL, MONITOR		2900031-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
193	AC	DISTRIBUTION BOX, GSE		2900024-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
191	AC	TEST CONTROL		2900027-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
190	AC	PANEL, PWR SUP AND LOAD		2900033-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
189	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
188	AC	ADPT MODULE, P.S.A.		2901143-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
186	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-021			A	I		FOR DIMENSIONS SEE DASH 100 VALUES BELOW											
185	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-011			A	I		FOR DIMENSIONS SEE DASH 100 VALUES BELOW											
184	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
183	AC	INSTALLING TOOL, ELEC, CONN		1902586-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 102 VALUES BELOW											
182	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2021670-011		NAS-9-497	A	I	NOTE 11B	2.000	1.937	1.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125
180	AC	ADPT MODULE, P.S.A.		1902431-031		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 121 VALUES BELOW											
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
178	AC	MOUNTING PLATE, COMPONENT		6900007-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
176	AC	FIX., MOUNTING, G & N		2900067-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
175	AC	CSL, COOL, AND PWR, G & N		1902134-031		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
174	AC	FIX., HAND., C/M AND LEM CDU		2900399-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
173	AC	FIX., HANDLING, C/M PSA		2900998-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
172	AC	CAGING ELECTRONICS, GYRO		2900029-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
171	AC	DISTRIBUTION BOX, GSE		2900024-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
169	AC	ADPT, TESTPOINT, P.S.A.		2900037-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
168	AC	TEST SELECTOR		2900028-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
167	AC	TEST CONTROL		2900027-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
166	AC	PANEL, MONITOR		2900031-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
164	AC	INPUT/OUTPUT PANEL		2900926-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
163	AC	CONTROL PANEL		2900896-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
161	AC	FIX., LIFT AND HAND., IMU		1015462-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
160	AC	FIX., HAND., G & N HARNESS		1901846-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
159	AC	BATTERY POWER PACK		1900011-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW											
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW											
156	AC	POWER & SERVO ASSEMBLY C/M		2007200		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW											
154	AC	POWER TORQUE ASSEMBLY LEM		6007200		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW											
153	AC	POWER & SERVO ASSEMBLY-LEM		6007200		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW											
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
151	AC	TESTER, RESOLVER CIRCUIT		2900709-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
150	AC	JUNCTION BOX, P.S.A./G.S.E.		1901933-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
149	AC	BATTERY PACK, LIFTING		2900812-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW											
148	AC	MOUNTING PLATE, COMPONENT		6900007-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
147	AC	MOUNTING PLATE, COMPONENT		2900677-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
146	AC	CART, TRANS, G & N		1900009-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW											
144	AC	FIX., MOUNTING, G & N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA	.125	1.625	1.140
143	AC	CSL, COOL, AND PWR, G & N		1902134-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	A	.125	1.625	1.140
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
141	AC	CONT, TEMP, PORTABLE		2900060-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.62.	1.140
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
134	AC	FIX., HAND., G & N HARNESS		2900069-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
132	AC	FIX., MOUNTING, G & N		2900067-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
130	AC	TESTER, GYRO WHEEL		2900061-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
129	AC	COOLANT SUPPLY		1902133-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
128	AC	TABLE, ROTARY		1900926-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
127	AC	FIX., HAND., OPTICS		2900074-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
126	AC	FIXTURE, MTG, PTA/PEA.		2900066-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
125	AC	CONT, TEMP, IMU LIFTING		2900063-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
124	AC	FIXTURE, HANDLING, IMU		2900064-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
123	AC	CONT, OPTICS, REMOTE		1902046-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
122	AC	TEST CONTROL		1902009-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
121	AC	ADPT MODULE, P.S.A.		1902431-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
120	AC	BRIDGE, DECADE ERROR		2900128-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
119	AC	PWR SUP, ELECTRONICS		2900012-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
118	AC	PWR SUP, RELAY AND LAMP		1900049-031			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
116	AC	ADPT MODULE, P.S.A.		1902431-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
113	AC	CONTROL, GIMBAL POSITION		2900036-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
110	AC	PANEL, PWR SUP AND LOAD		2900033-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
109	AC	PANEL, MONITOR		2900031-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
108	AC	PANEL, AUXILIARY INPUT		2900030-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
107	AC	CAGING ELECTRONICS, GYRO		2900029-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
106	AC	TEST SELECTOR		2900028-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
105	AC	TEST CONTROL		2900027-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
104	AC	MONITOR AND CONTROL, TEMP		2900026-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
103	AC	DISTRIBUTION BOX, GSE		2900024-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	A	.093	.858	.608
101	AC	NAVIGATION BASE ASSEMBLY-LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1441004260

AC DASH NUMBERS CONTINUED ON SHEET 6

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
199	AC	EYEPIECE STOWAGE UNIT		2021255-011			A	I		FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
197	AC	SIGNAL CONDITIONER ASSY C/M		2007235		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
194	AC	PANEL, MONITOR		2900031-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
193	AC	DISTRIBUTION BOX, GSE		2900024-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
191	AC	TEST CONTROL		2900027-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
190	AC	PANEL, PWR SUP AND LOAD		2900033-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
189	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
188	AC	ADPT MODULE, P.S.A.		2901143-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
186	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-021			A	I		FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
185	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-011			A	I		FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
184	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
183	AC	INSTALLING TOOL, ELEC, CONN		1902586-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 102 VALUES BELOW												
[illegible]																						
181	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-011		NAS-9-497	A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.938
180	AC	ADPT MODULE, P.S.A.		1902431-031		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 121 VALUES BELOW												
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
178	AC	MOUNTING PLATE, COMPONENT		6900007-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
176	AC	FIX., MOUNTING, G & N		2900067-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
175	AC	CSL, COOL, AND PWR, G & N		1902134-031		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
173	AC	FIX., HANDLING, C/M PSA		2900998-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
172	AC	CAGING ELECTRONICS, GYRO		2900029-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
171	AC	DISTRIBUTION BOX, GSE		2900024-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
169	AC	ADPT, TESTPOINT, P.S.A.		2900037-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
168	AC	TEST SELECTOR		2900028-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
167	AC	TEST CONTROL		2900027-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
166	AC	PANEL, MONITOR		2900031-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
165	AC	TERM, BOARD STORAGE DRAWER		2900927-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
164	AC	INPUT/OUTPUT PANEL		2900926-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
163	AC	CONTROL PANEL		2900896-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
161	AC	FIX., LIFT AND HAND., IMU		1015462-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
160	AC	FIX., HAND., G & N HARNESS		1901846-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
159	AC	BATTERY POWER PACK		1900011-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
156	AC	POWER & SERVO ASSEMBLY C/M		2007200		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.84
[illegible]																						
154	AC	PULSE TORQUE ASSEMBLY-LEM		6007000		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
153	AC	POWER & SERVO ASSEMBLY-LEM		6007200		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW												
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
150	AC	JUNCTION BOX, P.S.A./G.S.E.		1901933-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
149	AC	BATTERY PACK, LIFTING		2900812-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW												
148	AC	MOUNTING PLATE, COMPONENT		6900007-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
147	AC	MOUNTING PLATE, COMPONENT		2900677-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
146	AC	CART, TRANS, G & N		1900009-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW												
144	AC	FIX., MOUNTING, G & N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.25\	NA	.125	.062	.12	.156		.125	1.625	1.140	.95
143	AC	CSL, COOL, AND PWR, G & N		1902134-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.950
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.950
141	AC	CONT, TEMP, PORTABLE		2900060-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.844
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.950
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.950
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.950
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.950
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.950
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.950
134	AC	FIX., HAND., G & N HARNESS		2900069-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.950
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.950
132	AC	FIX., MOUNTING, G & N		2900067-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.950
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.950
130	AC	TESTER, GYRO WHEEL		2900061-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.950
129	AC	COOLANT SUPPLY		1902133-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.950
128	AC	TABLE, ROTARY		1900926-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.950
127	AC	FIX., HAND., OPTICS		2900074-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.844
126	AC	FIXTURE, MTG, PTA/PEA.		2900066-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.844
125	AC	CONT, TEMP, IMU LIFTING		2900063-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.844
124	AC	FIXTURE, HANDLING, IMU		2900064-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.844
123	AC	CONT, OPTICS, REMOTE		1902046-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.844
122	AC	TEST CONTROL		1902009-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.844
121	AC	ADPT MODULE, P.S.A.		1902431-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.844
120	AC	BRIDGE, DECADE ERROR		2900128-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.844
119	AC	PWR SUP, ELECTRONICS		2900012-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.844
118	AC	PWR SUP, RELAY AND LAMP		1900049-031			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.844
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.844
116	AC	ADPT MODULE, P.S.A.		1902431-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.844
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.844
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.844
113	AC	CONTROL, GIMBAL POSITION		2900036-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.844
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.844
111	AC	SEL., SIG, OSCILLOGRAPH		2900034-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.844
110	AC	PANEL, PWR SUP AND LOAD		2900033-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.844
109	AC	PANEL, MONITOR		2900031-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.844
108	AC	PANEL, AUXILIARY INPUT		2900030-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.844
107	AC	CAGING ELECTRONICS, GYRO		2900029-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.844
106	AC	TEST SELECTOR		2900028-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.844
105	AC	TEST CONTROL		2900027-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.844
104	AC	MONITOR AND CONTROL, TEMP		2500026-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.844
103	AC	DISTRIBUTION BOX, GSE		2900024-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.844
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.844
101	AC	NAVIGATION BASE ASSEMBLY-LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.516
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.516

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

AC DASH NUMBERS CONTINUED ON SHEET 6

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
199	AC	EYEPIECE STOWAGE UNIT		2021255-011			A	I		FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
198	AC	SIGNAL CONDITIONER ASSY C/M		2007234		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
197	AC	SIGNAL CONDITIONER ASSY C/M		2007235		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
196	AC	SIGNAL CONDITIONER ASSY LEM		6007010		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
195	AC	PSA & SIGNAL CONDITIONER ASSY		6007009		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
194	AC	PANEL, MONITOR		2900031-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
193	AC	DISTRIBUTION BOX, GSE		2900024-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
192	AC	ANALYZER, OPTICS-INERTIAL		2900023-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
191	AC	TEST CONTROL		2900027-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
190	AC	PANEL, PWR SUP AND LOAD		2900033-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
189	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
188	AC	ADPT MODULE, P.S.A.		2901143-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
187	AC	FIXTURE, MTG, PTA/PEA		2900066-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
186	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-021			A	I		FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
185	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-011			A	I		FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
184	AC	FIX., HAND., G AND N HARNESS		1901846-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
183	AC	INSTALLING TOOL, ELEC, CONN		1902586-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 102 VALUES BELOW													
182	AC	ADPT MODULE, P.S.A.		6900088-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
181	AC	G & N INDICATOR CONTROL PANEL ASSY		6012410-011		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.125	.062	.12	.156	NA	NA	.750	1.125	.390	.640
180	AC	ADPT MODULE, P.S.A.		1902431-031		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 121 VALUES BELOW													
179	AC	MOUNTING PLATE, IMU/PTA		6900083-011		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
178	AC	MOUNTING PLATE, COMPONENT		6900007-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
177	AC	FIX., MOUNTING, SUBSYSTEM		2900070-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
176	AC	FIX., MOUNTING, G & N		2900067-021		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
175	AC	CSL, COOL. AND PWR, G & N		1902134-031		NAS-9-497	B	II		FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
174	AC	FIX., HAND., C/M AND LEM CDU		2900999-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
173	AC	FIX., HANDLING, C/M PSA		2900998-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
172	AC	CAGING ELECTRONICS, GYRO		2900029-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
171	AC	DISTRIBUTION BOX, GSE		2900024-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
170	AC	ANALYZER, OPTICS-INERTIAL		2900023-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
169	AC	ADPT, TESTPOINT, P.S.A.		2900037-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
168	AC	TEST SELECTOR		2900028-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
167	AC	TEST CONTROL		2900027-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
166	AC	PANEL, MONITOR		2900031-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
165	AC	TERM. BOARD STORAGE DRAWER		2900927-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
164	AC	INPUT/OUTPUT PANEL		2900926-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
163	AC	CONTROL PANEL		2900896-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
162	AC	CSL, CAL AND TEST, SCM/PSAAM		2900895-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
161	AC	FIX., LIFT AND HAND., IMU		1015462-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
160	AC	FIX., HAND., G & N HARNESS		1901846-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
159	AC	BATTERY POWER PACK		1900011-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
158	AC	COUPLING DATA UNIT ASSEMBLY C/M		2007222		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
157	AC	COUPLING DATA UNIT ASSEMBLY - LEM		2007222		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
156	AC	POWER & SERVO ASSEMBLY C/M		2007200		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.358
155	AC	PIPA ELECTRONICS ASSEMBLY		2007201		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
154	AC	PULSE TORQUE ASSEMBLY-LEM		6007000		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
153	AC	POWER & SERVO ASSEMBLY-LEM		6007200		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 100 VALUES BELOW													
152	AC	CONT PNL, RSVR CKT TESTER		2900770-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
151	AC	TESTER, RESOLVER CIRCUIT		2900708-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
150	AC	JUNCTION BOX, P.S.A./G.S.E.		1901933-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
149	AC	BATTERY PACK, LIFTING		2900812-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES BELOW													
148	AC	MOUNTING PLATE, COMPONENT		6900007-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
147	AC	MOUNTING PLATE, COMPONENT		2900677-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
146	AC	CART, TRANS, G & N		1900009-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
145	AC	CONTAINER, SHIPPING, IMU		1900010-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 144 VALUES BELOW													
144	AC	FIX., MOUNTING, G & N		1902204-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA		.125	1.625	1.140	.390	.640
143	AC	CSL, COOL, AND PWR, G & N		1902134-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.390	.640
142	AC	ANALYZER, OPTICS-INERTIAL		2900023-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.390	.640
141	AC	CONT, TEMP, PORTABLE		2900060-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.358
140	AC	TESTER, CKT, IMU/CDU RSVR		2900286-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.390	.640
139	AC	SIMULATOR, LD/SIG, CDU		2900285-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.390	.640
138	AC	SIMULATOR, LD/SIG, OPTICS		1902023-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.390	.640
137	AC	FIX., MOUNTING, IMU/NAV BASE		6900003-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.390	.640
136	AC	FIXTURE, OPTICS/NAV BASE		2900072-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.390	.640
135	AC	FIX., MOUNTING, SUB SYSTEM		2900070-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.390	.640
134	AC	FIX., HAND., G & N HARNESS		2900069-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.390	.640
133	AC	CNTR, SHIPPING, NAV BASE		2900068-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.390	.640
132	AC	FIX., MOUNTING, G & N		2900067-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.390	.640
131	AC	SIMULATOR, LD/SIG, IMU/CDU		2900062-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.390	.640
130	AC	TESTER, GYRO WHEEL		2900061-011			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.390	.640
129	AC	COOLANT SUPPLY		1902133-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.390	.640
128	AC	TABLE, ROTARY		1900926-021			B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156			.125	1.625	1.140	.390	.640
127	AC	FIX., HAND., OPTICS		2900074-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.358
126	AC	FIXTURE, MTG, PTA/PEA.		2900066-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.358
125	AC	CONT, TEMP, IMU LIFTING		2900063-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.358
124	AC	FIXTURE, HANDLING, IMU		2900064-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.358
123	AC	CONT, OPTICS, REMOTE		1902046-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.358
122	AC	TEST CONTROL		1902009-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.358
121	AC	ADPT MODULE, P.S.A.		1902431-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.358
120	AC	BRIDGE, DECADE ERROR		2900128-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.358
119	AC	PWR SUP, ELECTRONICS		2900012-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.358
118	AC	PWR SUP, RELAY AND LAMP		1900049-031			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.358
117	AC	CONSOLE, OSCILLOGRAPH		1900000-021			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.358
116	AC	ADPT MODULE, P.S.A.		1902431-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.358
115	AC	ADPT, TEST POINT, PTA/PEA.		2900145-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.358
114	AC	ADPT, TEST POINT, P.S.A.		2900037-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.358
113	AC	CONTROL, GIMBAL POSITION		2900036-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.358
112	AC	SELECTOR, SIGNAL, PRIMARY		2900035-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.358
111	AC	SEL, SIG, OSCILLOGRAPH		2900034-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.358
110	AC	PANEL, PWR SUP AND LOAD		2900033-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.358
109	AC	PANEL, MONITOR		2900031-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.358
108	AC	PANEL, AUXILIARY INPUT		2900030-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.358
107	AC	CAGING ELECTRONICS, GYRO		2900029-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.358
106	AC	TEST SELECTOR		2900028-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.358
105	AC	TEST CONTROL		2900027-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.358
104	AC	MONITOR AND CONTROL, TEMP		2900026-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.358
103	AC	DISTRIBUTION BOX, GSE		2900024-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.358
102	AC	VOLTMETER, DIGITAL		2900007-011			B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093			.093	.858	.608	.484	.358
101	AC	NAVIGATION BASE ASSEMBLY-LEM		6899950		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	593	.453
100	AC	NAVIGATION BASE ASSEMBLY		2899982		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	593	.453

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

DASH NO.	%	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
401	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593
400	MIT	LIFTING SLING-GAM INST. QUAL, FIX, & AZM, REF, FIX,		1021640		NAS-9-4065	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	SEE .093	1.187	.750	.593	

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	%	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L
401	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125
400	MIT	LIFTING SLING-G&N INST. QUAL. FIX, & AZM. REF. FIX,		1021640		NAS-9-4065	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.88+	.093	1.187

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
401	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA per det.	NA	1.125	.750	.54
400	MIT	LIFTING SLING-GAN INST. QUAL, FIX, & AZM. REF. FIX,		1021640		NAS-9-4065	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093		.093	1.187	.750	.54

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1004260 CM SHT 5

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DASH NO.	%	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M
401	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.908	1.375	.078	.048	.078	.093	NA	NA	1.125	.7
400	MIT	LIFTING SLING-GAM TEST, QUAL, FIX, & AZM. REF. FIX.		1021640		NAS-9-4065	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.093	1.187	.7	

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	%	PART NAME	REMARKS	PART NUMBER	BER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
401	MIT	COMPUTER ASSY		2003100		MAS-9-487	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.049	.078	.093	NA	NA	1.125	.750	.591
400	MIT	LIFTING SLING-GAN INST, QUAL, FIX, & AZM, REF, FIX,		1021640		MAS-9-4065	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.049	.078	.093	REF	.093	1.187	.750	.591

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1004260 CR SHT 5

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DASH NO.	%	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
401	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.581	.453
400	MIT	LIFTING SLING-GSE TEST, QUAL, FIX, & AZM. REF. FIX.		1021640		NAS-9-4065	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	227	.093	1.187	.750	.581	.453

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	%	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
401	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.433
400	MIT	LIFTING SLING-G&N INST, QUAL, FIX, & AZM. REF. FIX,		1021640		NAS-9-4065	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.281 DIA	.093	1.187	.750	.593	.433

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1004260 CT SHT 5

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401	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
400	MIT	LIFTING SLING-G&N INST.QUAL.FIX, & AZM.REF.FIX,		1021640		NAS-9-4065	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	R.F. DIA.	.093	1.187	.750
DASH NO.	%	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	%	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
401	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593
400	MIT	LIFTING SLING-GAM INST, QUAL, FIX, & AZM. REF. FIX,		1021640		NAS-9-4065	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.093	1.187	.750	.593

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	%	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
401	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	
400	MIT	LIFTING SLING-GAM INST, QUAL, FIX, & AZM, REF, FIX,		1021640		NAS-9-4065	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.093	.093	1.187	.750	

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	%	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
401	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453
400	MIT	LIFTING BLING-GAN TEST, QUAL, FIX, & AZM. REF. FIX,		1021640		NAS-9-4065	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.218 DIA	.093	1.187	.750	.593	.453

NOTES FOR TABLE
STYLE A IS FOR S & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1004260 | SHT 5

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ASY.	QTY	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	MA	MA	1.125	.750	.593	.4
400	WIY	LIFTING BLTNG-600 TENT, QUAL, FIX, & ASM, REF, FIX,		1001640		NAS-9-4065	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.687	.669	1.187	.750	.593	.4
ITEM NO.	%	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P

NOTES FOR TABLE
STYLE A IS FOR S & M SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	%	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
401	MIT	COMPUTER ASSY		2003100		NAS-9-4[illegible]7	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	RA	RA	1.125	.750	.593	.593
400	MIT	LIFTING SLING-GSE TEST, DYAL, FIX, & AZM, REF, FIX.		1021640		NAS-9-40[illegible]5	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	REF	.093	1.187	.750	.593	.593

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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ASM QTY	UNIT	CHARACTERISTIC NAME	REMARKS	PART NUMBER	MFR. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
ASM	UNIT	CHARACTERISTIC NAME		2003100		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593
ADJ	UNIT	LIFTING BLOCK, TEST, DUAL FIX. & AZM. REF. FIX.		1021640		NAS-9-4065	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	REF	.093	1.187	.750	.593
DRAW NO.	%	PART NAME	REMARKS	PART NUMBER	MFR. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N

NOTES FOR TABLE
STYLE A IS FOR S & E SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	%	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M
401	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
400	MIT	LIFTING SLING-G&N INST. QUAL, FIX, & AZM, REF, FIX.		1021640		NAS-9-4065	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	SEE SHT	.093	1.187	.750

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1004260 DC SHT 5

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DASH NO.	%	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
401	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.93
400	MIT	LIFTING SLING-G&N INST. QUAL, FIX, & AZM, REF. FIX.		1021640		NAS-9-4065	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	SEE NOTE	.093	1.187	.750	.93

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	%	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M
401	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
400	MIT	LIFTING SLING-G&N INST.QUAL.FIX, & AZM.REF.FIX,		1021640		NAS-9-4065	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA OPT	.093	1.187	.750

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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NOTICE - UNLESS OTHERWISE SPECIFIED IN THIS DOCUMENT OR ON THE DRAWING, THE FOLLOWING APPLY: ALL DIMENSIONS ARE IN INCHES. DIMENSIONS AND TOLERANCES APPLY AFTER PLATING. DIMENSIONS APPLY BEFORE PAINT. DO NOT SCALE DRAWING. REMOVE BURRS AND SHARP EDGES. INTERPRET DRAWING AND PARTS IN ACCORDANCE WITH MIL-STD-100. MATERIAL AND PROCESS SUBSTITUTIONS REQUIRE PRIOR APPROVAL OF THE PROCURING ACTIVITY. UNLESS OTHERWISE SPECIFIED, ALL MATERIALS, PROCESSES, AND PARTS SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST REVISION OF THE APPLICABLE MIL-SPECS AND MIL-STDS IN EFFECT ON THE DATE OF THIS DRAWING. WHERE NO SPECIFICATION OR STANDARD IS CITED, THE REQUIREMENTS SHALL BE IN ACCORDANCE WITH COMMERCIAL PRACTICE. DO NOT SCALE THIS DRAWING. ALL DIMENSIONS AND TOLERANCES SHALL BE AS SHOWN OR CALCULATED FROM DIMENSIONS SHOWN. ANY DIMENSIONS OR TOLERANCES NOT SHOWN OR CALCULATED FROM DIMENSIONS SHOWN ARE NOT TO BE USED OR INFERRED HEREON.

DASH NO.	%	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
401	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.193
400	MIT	LIFTING SLING-G&N INST.QUAL.FIX. & AZM.REF.FIX.		1021640		NAS-9-4065	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.094 DIA	.093	1.187	.750	.193

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1004260 | SHT 5

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DASH NO.	%	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
401	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.59
400	MIT	LIFTING SLING-G&N INST.QUAL.FIX. & AZM.REF.FIX.		1021640		NAS-9-4065	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.84 REF	.093	1.187	.750	.59

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	%	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M
401	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.75
400	MIT	LIFTING SLING-G&N INST. QUAL, FIX, & AZM. REF. FIX,		1021640		NAS-9-4065	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.187	.093	1.187	.75

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	%	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
401	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593
400	MIT	LIFTING SLING-G&N INST. QUAL. FIX. & AZM. REF. FIX.		1021640		NAS-9-4065	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.093	.093	1.187	.750	.593

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

401	MIT	COMPUTER ASSY		2003100		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453
400	MIT	LIFTING SLING-GAM INST.QUAL.FIX, & AZM.REF.FIX,		1021640		NAS-9-4065	B	II	NOTE 11C	2.000	1.312	1.687	1.375	.078	.048	.078	.093	.281	.093	1.187	.750	.593	.453
DASH NO.	%	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L
599	AC																			
598	AC																			
570	AC	OPTICAL UNIT & BELLOWS ASSY				NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 550 VALUES										
562	AC	COMPUTER CONT & RETICLE DIMMER		6014512-041		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534 VALUES										
561	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-031		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181 VALUES										
560		ADPT. MODULE, PSA		2901143-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES										
559		CSL, CAL AND TEST, SCM/PSAAM		2900895-031		FOR OTHER DATA SEE DASH 547														
558		PSA ADAPTER MODULE (LEM)		6900088-021		FOR OTHER DATA SEE DASH 189														
557		FIX., HANDLING, C/M PSA		2900998-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES										
556		FIX., MOUNTING G & N	(-144)	2900067-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES										
555	AC	OPTICAL UNIT ASSEMBLY		1021368-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125
554	AC	OPTICAL UNIT ASSEMBLY		1021368-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125
553	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-111		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125
552	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-081		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125
551	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-071		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125
550	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125
548		CAGING ELECTRONICS, GYRO		2900029-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858
547		CSL, CAL AND TEST, SCM/PSAAM		2900895-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625
546		FIX., HAND., C/M AND LEM CDU		2900999-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858
545	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-021		NAS-9-497	A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.75
544		ADPT MODULE, P.S.A.		1902431-051		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858
543	AC	PANEL, MONITOR		2900031-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858
542	AC	BATTERY PACK, LIFTING		2900812-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858
541	AC	FIXTURE, MOUNTING, IMU		2900000-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625
540	AC	ADPT, TEST POINT, P.S.A.		2900037-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858
539	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125
538	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-031		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125
537	AC	TEST SELECTOR		2900028-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858
536	AC	ANALYZER, OPTICS-INERTIAL		2900023-041		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625
535	AC	CONT, TEMP, PORTABLE		2900060-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858
534	AC	COMPUTER CONT & RETICLE DIMMER		6014512-021		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125
533	AC	ADPT MODULE, P.S.A.		1902431-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858
532	AC	TRAY BREAKOUT, 105 PIN		1900807-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625
530	AC	HEAT SINK-TRAY EXTENDER		1900808-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858
529	AC	TESTER, FAILURE INDICATOR		1900809-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858
527	AC	FIX., MOUNTING, G & N	(-144)	1902204-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW										
526	AC	FIX., MOUNTING, G & N	(-144)	2900067-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW										
525	AC	PORTABLE TEMP, CONTROLLER		1900496-021		NAS-9-497	B	II	NOTE 11C	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718
524	AC	POWER, SERVO & THERMOCOUPLE ASSEMBLY C/M		2010743		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY-LEM		6010656		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
522	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-LEM		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
521	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-C/M		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
520	AC	PIPA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 504 VALUES BELOW										
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW										
517	AC	FIX., HAND., OPTICS INSTL.	(-141)	2901380-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 502 VALUES BELOW										
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY-LEM		6010655		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
514	AC	SIGNAL COND, ASSY LEM OPER.	(-100)	6007013		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
513	AC	JUMPER, BY-PASS	(-141)	1021616		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858
512	AC	COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
511	AC	COUPLING DATA UNIT ASSEMBLY-LEM	(-100)	2007322-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
510	AC	BATTERY POWER PACK	(-144)	1900011-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW										
509	AC	JUNCTION BOX, P.S.A./G.S.E.	(-144)	1902195-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW										
508	AC	NAVIGATION BASE ASSEMBLY-LEM	(-101)	6899980		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125
507	AC	CSL, COOL, AND PWR, G AND N	(-144)	1902134-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW										
506	AC	BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011-011		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858
505	AC	MONITOR AND CONTROL, TEMP	(-141)	2900026-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858
504	AC	PWR SUP, GUIDANCE SYSTEM	(-141)	1900033-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858
503	AC	CONTROL, GIMBAL POSITION	(-141)	2900036-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858
502	AC	ADPT, TEST POINT, PTA/PEA,	(-141)	2900145-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858
501	AC	MOUNTING PLATE, COMPONENT	(-144)	6900007-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW										
500	AC	MOUNTING PLATE, COMPONENT	(-144)	2900677-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONF. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M
599	AC																				
598	AC																				
570	AC	OPTICAL UNIT & BELLOWS ASSY				NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 550 VALUES											
565		BATTERY PACK, AUXILIARY		1901492-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500											
564		BATTERY POWER PACK		1900011-051		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500											
563		ADAPTER MODULE PSA (LEM)		6900088-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES											
562	AC	COMPUTER CONT & RETICLE DIMMER		6014512-041		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534 VALUES											
561	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-031		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181 VALUES											
560		ADPT. MODULE, PSA		2901143-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES											
559		CSL, CAL AND TEST, SCM/PSAAM		2900895-031		FOR OTHER DATA SEE DASH 547															
558		PSA ADAPTER MODULE (LEM)		6900068-021		FOR OTHER DATA SEE DASH 189															
557		FIX., HANDLING, C/M PSA		2900998-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES											
556		FIX., MOUNTING, C & N	(-144)	2900067-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES											
555	AC	OPTICAL UNIT ASSEMBLY		1021368-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.045	.078	.093	NA	NA	1.125	.750	.593
554	AC	OPTICAL UNIT ASSEMBLY		1021368-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593
553	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-111		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593
552	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2012790-081		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593
551	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-071		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593
550	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593
548		CAGING ELECTRONICS, GYRO		2900029-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	3/8	.093	.858	.608	.484
547		CSL, CAL AND TEST, SCM/PSAAM		2900895-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	1	.125	1.625	1.140	.890
546		FIX., HAND., C/M AND LEM CDU		2900997-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	3/8	.093	.858	.608	.484
545	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-021		NAS-9-497	A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.906
544		ADPT MODULE, P.S.A.		1902431-051		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	3/8	.093	.858	.608	.484
543	AC	PANEL, MONITOR		2900031-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.716	NA	.093	.031	.06	.093		.093	.858	.608	.484
542	AC	BATTERY PACK, LIFTING		2900812-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.484
541	AC	FIXTURE, MOUNTING, IMU		2900000-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	1	.125	1.625	1.140	.890
540	AC	ADPT, TEST POINT, P.S.A.		2900037-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	3/8	.093	.858	.608	.484
539	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593
538	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-031		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593
537	AC	TEST SELECTOR		2900028-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	3/8	.093	.858	.608	.484
536	AC	ANALYZER, OPTICS-INERTIAL		2900023-041		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	1	.125	1.625	1.140	.890
535	AC	CONT, TEMP, PORTABLE		2900060-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	3/8	.093	.858	.608	.484
534	AC	COMPUTER CONT & RETICLE DIMMER		6014512-021		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593
533	AC	ADPT MODULE, P.S.A.		1902431-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	3/8	.093	.858	.608	.484
532	AC	TRAY BREAKOUT, 105 PIN		1900807-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	1	.125	1.625	1.140	.890
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	1	.125	1.625	1.140	.890
530	AC	HEAT SINK-TRAY EXTENDER		1900808-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	3/8	.093	.858	.608	.484
529	AC	TESTER, FAILURE INDICATOR		1900809-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	3/8	.093	.858	.608	.484
527	AC	FIX., MOUNTING, G & N	(-144)	1902204-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
526	AC	FIX., MOUNTING, G & N	(-144)	2900067-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
525	AC	PORTABLE TEMP. CONTROLLER		1900496-021		NAS-9-497	B	II	NOTE 11C	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718	1.187	.90
524	AC	POWER, SERVO & THERMOCOUPLE ASSEMBLY C/M		2010743		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.48
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY-LEM		6010656		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
522	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-LEM		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
521	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-C/M		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
520	AC	PIPA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 504 VALUES BELOW											
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
517	AC	FIX., HAND., OPTICS INSTL.	(-141)	2901380-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 502 VALUES BELOW											
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY-LEM		6010655		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007013		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
513	AC	JUMPER, BY-PASS	(-141)	1021616		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	3/8	.093	.858	.608	.4
512	AC	COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
511	AC	COUPLING DATA UNIT ASSEMBLY-LEM	(-100)	2007322-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
510	AC	BATTERY POWER PACK	(-144)	1900011-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
509	AC	JUNCTION BOX, P.S.A./G.S.E.	(-144)	1902195-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
508	AC	NAVIGATION BASE ASSEMBLY-LEM	(-101)	6899980		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.5
507	AC	CSL, COOL, AND PWR, G AND N	(-144)	1902134-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
506	AC	BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011-011		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	3/8	.093	.858	.608	.4
505	AC	MONITOR AND CONTROL, TEMP	(-141)	2900026-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
504	AC	PWR SUP, GUIDANCE SYSTEM	(-141)	1900033-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
503	AC	CONTROL, GIMBAL POSITION	(-141)	2900036-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
502	AC	ADPT, TEST POINT, PTA/PEA.	(-141)	2900145-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	3/8	.093	.858	.608	.4
501	AC	MOUNTING PLATE, COMPONENT	(-144)	6900037-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
500	AC	MOUNTING PLATE, COMPONENT	(-144)	2900677-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	1	.125	1.625	1.140	.8

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M
599	AC																				
598	AC																				
570	AC	OPTICAL UNIT & BELLOWS ASSY				NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 550 VALUES											
569	AC	G & N INDICATOR CONTROL PANEL ASSY		2021323-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181											
568	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181											
567	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181											
566	AC	COMPUTER CONT & RETICLE DIMMER		6014512-061		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534											
565		BATTERY PACK,AUXILIARY		1901492-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500											
564		BATTERY I WEB PACK		1900011-051		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500											
563		ADAPTER MODULE PSA (LEM)		6900086-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES											
562	AC	COMPUTER CONT & RETICLE DIMMER		6014512-041		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534 VALUES											
561	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-031		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181 VALUES											
560		ADPT. MODULE, PSA		2901143-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES											
559		CSL, CAL AND TEST, SCM/PSAAM		2900895-031		FOR OTHER DATA SEE DASH 547															
558		PSA ADAPTER MODULE (LEM)		6900088-021		FOR OTHER DATA SEE DASH 189															
557		FIX., HANDLING, C/M PSA		2900999-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES											
556		FIX., MOUNTING G & N	(-144)	2900067-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES											
555	AC	OPTICAL UNIT ASSEMBLY		1021368-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.75
554	AC	OPTICAL UNIT ASSEMBLY		1021368-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.75
553	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-111		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.75
552	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-081		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.75
551	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-071		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.75
550	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.75
548		CAGING ELECTRONICS, GYRO		2900029-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.60
547		CSL, CAL AND TEST, SCM/PSAAM		2900895-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA	.125	1.625	1.14
546		FIX., HAND., C/M AND LEM CDU		2900999-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.60
545	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-021		NAS-9-497	A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.12
544		ADPT MODULE, P.S.A.		1902431-051		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.60
543	AC	PANEL, MONITOR		2900031-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.60
542	AC	BATTERY PACK, LIFTING		2900812-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.60
541	AC	FIXTURE, MOUNTING, IMU		2900000-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA	.125	1.625	1.14
540	AC	ADPT, TEST POINT, P.S.A.		2900037-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.60
539	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.75
538	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-031		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.75
537	AC	TEST SELECTOR		2900028-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.60
536	AC	ANALYZER, OPTICS-INERTIAL		2900023-041		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA	.125	1.625	1.14
535	AC	CONT, TEMP, PORTABLE		2900060-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.60
534	AC	COMPUTER CONT & RETICLE DIMMER		6014512-021		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.75
533	AC	ADPT MODULE, P.S.A.		1902431-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.60
532	AC	TRAY BREAKOUT, 105 PIN		1900807-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA	.125	1.625	1.14
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA	.125	1.625	1.14
530	AC	HEAT SINK-TRAY EXTENDER		1900808-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.60
529	AC	TESTER, FAILURE INDICATOR		1900809-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.60
527	AC	FIX., MOUNTING, G & N	(-144)	1902204-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
526	AC	FIX., MOUNTING, G & N	(-144)	2900067-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
525	AC	PORTABLE TEMP, CONTROLLER		1900496-021		NAS-9-497	B	II	NOTE 11C	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718	1.18
524	AC	POWER, SERVO & THERMOCOUPLE ASSEMBLY C/M		2010743		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.60
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY-LEM		6010656		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
522	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-LEM		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
521	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-C/M		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
520	AC	PIPA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 504 VALUES BELOW											
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
517	AC	FIX., HAND., OPTICS INSTL.	(-141)	2901380-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 502 VALUES BELOW											
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY-LEM		6010655		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007013		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
513	AC	JUMPER, BY-PASS	(-141)	1021616		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.60
512	AC	COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
511	AC	COUPLING DATA UNIT ASSEMBLY-LEM	(-100)	2007322-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
510	AC	BATTERY POWER PACK	(-144)	1900011-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
509	AC	JUNCTION BOX, P.S.A./G.S.E.	(-144)	1902195-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
508	AC	NAVIGATION BASE ASSEMBLY-LEM	(-101)	6899980		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.75
507	AC	CSL, COOL, AND PWR, G AND N	(-144)	1902134-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
506	AC	BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011-011		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.60
505	AC	MONITOR AND CONTROL, TEMP	(-141)	2900026-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.60
504	AC	PWR SUP, GUIDANCE SYSTEM	(-141)	1900033-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.60
503	AC	CONTROL, GIMBAL POSITION	(-141)	2900036-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.60
502	AC	ADPT, TEST POINT, PTA/PEA,	(-141)	2900145-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.60
501	AC	MOUNTING PLATE, COMPONENT	(-144)	6900007-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
500	AC	MOUNTING PLATE, COMPONENT	(-144)	2900677-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA	.125	1.625	1.14

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M
599	AC																				
598	AC																				
574		CONT. TEMP. PORTABLE		2900060-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 535 VALUES											
573		BATTERY PACK LIFTING		2900812-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 542 VALUES											
572		FIX., MOUNTING G&N	(-144)	2900067-081		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES											
570	AC	OPTICAL UNIT & BELLOWS ASSY				NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 550 VALUES											
569	AC	G & N INDICATOR CONTROL PANEL ASSY		2021323-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181											
568	AC	G & N INDICATOR CONTROL PANEL ASSY		2021250-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181											
567	AC	G & N INDICATOR CONTROL PANEL ASSY		2021250-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181											
566	AC	COMPUTER CONT & RETICLE DIMMER		6014512-061		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534											
565		CSM/LEM BATTERY PACK		190[illegible]492-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500											
564		BATTERY POWER PACK		1900011-051		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500											
563		PSA ADAPTER MODULE (LEM)		6900088-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES											
562	AC	COMPUTER CONT & RETICLE DIMMER		6014512-041		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534 VALUES											
561	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-031		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181 VALUES											
560		ADPT. MODULE, PSA		2901143-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES											
559		CSL, CAL AND TEST, SCN/PSAAM		2900895-031		FOR OTHER DATA SEE DASH 547															
558		PSA ADAPTER MODULE (LEM)		6900088-021		FOR OTHER DATA SEE DASH 189															
557		FIX., HANDLING, C/M PSA		2900998-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES											
556		FIX., MOUNTING G & N	(-144)	2900067-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES											
555	AC	OPTICAL UNIT ASSEMBLY		1021368-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
554	AC	OPTICAL UNIT ASSEMBLY		1021368-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
553	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-111		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
552	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-081		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
551	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-071		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
550	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
548		CASING ELECTRONICS, GYRO		2900029-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608
547		CSL, CAL AND TEST, SCN/PSAAM		2900895-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	NA	.125	1.625	1.140
546		FIX., HAND., C/M AND LEM CDU		2900939-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608
545	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-021		NAS-9-497	A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125
544		ADPT. MODULE, P.S.A.		1902431-051		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.608
543	AC	PANEL, MONITOR		2900031-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
542	AC	BATTERY PACK, LIFTING		2900812-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
541	AC	FIXTURE, MOUNTING, IMU		2900090-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
540	AC	ADPT. T&E POINT, P.S.A.		2900037-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
539	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
538	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-031		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
537	AC	TEST SELECTOR		2900029-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
536	AC	ANALYZER, OPTICS-INERTIAL		2900023-041		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
535	AC	CONT, TEMP, PORTABLE		2900060-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
534	AC	COMPUTER CONT & RETICLE DIMMER		6014512-021		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
533	AC	ADPT MODULE, P.S.A.		1902431-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
532	AC	TRAY BREAKOUT, 105 PIN		1900807-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
530	AC	HEISANK TRAY EXTENDER		1900808-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
529	AC	TESTER, FAILURE INDICATOR		1900809-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
527	AC	FIX., MOUNTING, G & N	(-144)	1902204-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
526	AC	FIX., MOUNTING, G & N	(-144)	2900067-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
525	AC	PORTABLE TEMP. CONTROLLER		1900496-021		NAS-9-497	B	II	NOTE 11C	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718	1.18
524	AC	POWER, SERVO & THERMOCOUPLE ASSEMBLY C/M		2010743		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY-LEM		6010656		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
522	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-LEM		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
521	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-C/M		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
520	AC	PIPA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 504 VALUES BELOW											
518	AC	JUNCTION BOX, CSE-PSA	(-144)	1901933-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
517	AC	FIX., HAND., OPTICS INSTL.	(-141)	2901380-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 502 VALUES BELOW											
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY-LEM		6010655		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007013		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
513	AC	JUMPER, BY-PASS	(-141)	1021616		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	.60
512	AC	COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
511	AC	COUPLING DATA UNIT ASSEMBLY-LEM	(-100)	2007322-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
510	AC	BATTERY POWER PACK	(-144)	1900011-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
509	AC	JUNCTION BOX, P.S.A./G.S.E.	(-144)	1902195-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
508	AC	NAVIGATION BASE ASSEMBLY-LEM	(-101)	6889980		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.75
507	AC	CSL, COOL, AND PWR, G AND N	(-144)	1902134-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
506	AC	BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011-011		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.60
505	AC	MONITOR AND CONTROL, TEMP	(-141)	2900026-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.60
504	AC	PWR SUP, GUIDANCE SYSTEM	(-141)	1900033-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.60
503	AC	CONTROL, GIMBAL POSITION	(-141)	2900036-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.60
502	AC	ADPT. TEST POINT, PTA/PEA.	(-141)	2900145-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.60
501	AC	MOUNTING PLATE, COMPONENT	(-144)	6900007-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
500	AC	MOUNTING PLATE, COMPONENT	(-144)	2900677-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.14

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
599	AC																						
598	AC																						
575		CSL, CAL AND TEST, SCM/PSAAM		2900895-041					FOR DATA SEE DASH 559														
574		CONT., TEMP PORTABLE		2900060-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 538 VALUES													
573		BATTERY PACK LIFTING		2900812-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 542 VALUES													
572		FIX., MOUNTING G&N	(-144)	2900067-061		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES													
570	AC	OPTICAL UNIT & BELLOWS ASSY				NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 550 VALUES													
569	AC	G & N INDICATOR CONTROL PANEL ASSY		2021323-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181													
568	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181													
567	AC	G & N INDICATOR CONTROL PANEL ASSY		2021291-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181													
566	AC	COMPUTER CONT & RETICLE DIMMER		6014512-061		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534													
565		AUXILARY BATTERY PACK		1901492-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500													
564		BATTERY POWER PACK		1900011-051		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500													
563		PSA ADAPTER MODULE (LEM)		6900088-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES													
562	AC	COMPUTER CONT & RETICLE DIMMER		6014512-041		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534 VALUES													
561	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-031		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181 VALUES													
560		ADPT. MODULE, PSA		2901143-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES													
559		CSL, CAL AND TEST, SCM/PSAAM		2900895-031		FOR OTHER DATA SEE DASH 547																	
558		PSA ADAPTER MODULE (LEM)		6900088-021		FOR OTHER DATA SEE DASH 189																	
557		FIX., HANDLING, C/M PSA		2900998-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES													
556		FIX., MOUNTING G & N	(-144)	2900067-051		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES													
555	AC	OPTICAL UNIT ASSEMBLY		1021368-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.45
554	AC	OPTICAL UNIT ASSEMBLY		1021368-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.45
553	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-111		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.45
552	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.45
551	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-07*		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.45
550	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.45
548		CAGING ELECTRONICS, GYRO		2900029-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608	.484	.35
547		CSL, CAL AND TEST, SCM/PSAAM		2900895-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.125	.125	1.625	1.140	.890	.64
546		FIX., HAND., C/M AND LEM CDU		2900999-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608	.484	.35
545	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-021		NAS-9-497	A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.906	.68
544		ADPT. MODULE, P.S.A.		1902431-051		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608	.484	.35
543	AC	PANEL, MONITOR		2900031-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608	.484	.35
542	AC	BATTERY PACK, LIFTING		2900812-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608	.484	.35
541	AC	FIXTURE, MOUNTING, IMU		2900000-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608	.484	.35
540	AC	ADPT, TEST POINT, P.S.A.		2900037-031		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.125	.125	1.625	1.140	.890	.64
539	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608	.484	.35
538	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-031		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.45
537	AC	TEST SELECTOR		2900028-031		NAS-9-497	B	II	NOTE 11C	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.45
536	AC	ANALYZER, OPTICS-INERTIAL		2900023-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608	.484	.35
535	AC	CONT, TEMP, PORYABLE		2900060-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.125	.125	1.625	1.140	.890	.64
534	AC	COMPUTER CONT & RETICLE DIMMER		6014512-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608	.484	.35
533	AC	ADPT MODULE, P.S.A.		1902431-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.45
532	AC	TRAY BREAKOUT, 105 PIN		1900807-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608	.484	.35
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.125	.125	1.625	1.140	.890	.64
530	AC	HEAT SINK-TRAY EXTENDER		1900808-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.125	.125	1.625	1.140	.890	.64
529	AC	TESTER, FAILURE INDICATOR		1900809-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608	.484	.35
527	AC	FIX., MOUNTING, G & N	(-144)	1902204-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW													
526	AC	FIX., MOUNTING, G & N	(-144)	2900067-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW													
525	AC	PORTABLE TEMP. CONTROLLER		1900496-021		NAS-9-497	B	II	NOTE 11C	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718	1.187	.868	.74
524	AC	POWER, SERVO & THERMOCOUPLE ASSEMBLY C/M		2010743		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.35
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY-LEM		6010656		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
522	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-LEM		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
521	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-C/M		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
520	AC	PIPA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
519	AC	FIXTURE, HANDLING, LEM-PSA		6900129-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 504 VALUES BELOW													
518	AC	JUNCTION BOX, GSE-PSA	(-141)	1901933-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW													
517	AC	FIX., HAND., OPTICS INSTL.	(-144)	2901380-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 502 VALUES BELOW													
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY-LEM	(-141)	6010655		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
514	AC	SIGNAL COND. ASSY LEM DPER.	(-100)	6007013		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
513	AC	JUMPER, BY-PASS	(-141)	1021616		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608	.484	.35
512	AC	COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
511	AC	COUPLING DATA UNIT ASSEMBLY-LEM	(-100)	2007322-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
510	AC	BATTERY POWER PACK	(-144)	1900011-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW													
509	AC	JUNCTION BOX, P.S.A./G.S.E.	(-144)	1902195-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW													
508	AC	NAVIGATION BASE ASSEMBLY-LEM	(-101)	6899980		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.45
507	AC	CSL, COOL, AND PWR, G AND N	(-144)	1902134-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW													
506	AC	BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011-011		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608	.484	.35
505	AC	MONITOR AND CONTROL, TEMP	(-141)	2900026-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608	.484	.35
504	AC	PWR SUP, GUIDANCE SYSTEM	(-141)	1900033-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608	.484	.35
503	AC	CONTROL, GIMBAL POSITION	(-141)	2900036-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608	.484	.35
502	AC	ADPT, TEST POINT, PTA/PEA,	(-141)	2900145-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608	.484	.35
501	AC	MOUNTING PLATE, COMPONENT	(-144)	6900007-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW													
500	AC	MOUNTING PLATE, COMPONENT	(-144)	2900677-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.125	.125	1.625	1.140	.890	.64

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
599	AC																						
598	AC																						
575		CSL, CAL AND TEST, SCM/PSAAM		2900895-041		FOR DATA SEE DASH 559																	
574		CONT, TEMP PORTABLE		2900060-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 535 VALUES													
573		BATTERY PACK LIFTING		2900812-051		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 542 VALUES													
572		FIX., MOUNTING G&N	(-144)	2900067-061		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES													
570	AC	OPTICAL UNIT & BELLOWS ASSY				NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 550 VALUES													
569	AC	G & N INDICATOR CONTROL PANEL ASSY		2021323-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181													
568	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181													
567	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181													
566	AC	COMPUTER CONT & RETICLE DIMMER		6014512-061		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534													
565		WAVEGUIDE ASSY PSAA		1901492-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500													
564		BATTERY POWER PACK		1900911-051		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500													
563		PSA ADAPTER MODULE (LEM)		6900088-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES													
562	AC	COMPUTER CONT & RETICLE DIMMER		6014512-041		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534 VALUES													
561	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-031		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181 VALUES													
560		ADPT. MODULE, PSA		2901143-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES													
559		CSL, CAL AND TEST, SCM/PSAAM		2900895-031		FOR OTHER DATA SEE DASH 547																	
558		PSA ADAPTER MODULE (LEM)		6900088-021		FOR OTHER DATA SEE DASH 189																	
557		FIX., HANDLING, C/M PSA		2900998-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES													
556		FIX., MOUNTING G & N	(-144)	2900067-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES													
555	AC	OPTICAL UNIT ASSEMBLY		1021368-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.4
554	AC	OPTICAL UNIT ASSEMBLY		1021368-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.4
553	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-111		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.4
552	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-081		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.4
551	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-071		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.4
550	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.4
548		CAGING ELECTRONICS, GYRO		2900029-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	32	.093	.858	.608	.484	.3
547		CSL, CAL AND TEST, SCM/PSAAM		2900895-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	4	.125	1.625	1.140	.890	.6
546		FIX., HAND., C/M AND LEM CDU		2900999-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	32	.093	.858	.608	.484	.4
545	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-021		NAS-9-497	A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.906	.6
544		ADPT MODULE, P.S.A.		1902431-051		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	32	.093	.858	.608	.484	.3
543	AC	PANEL, MONITOR		2900031-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	8	.093	.858	.608	.484	.3
542	AC	BATTERY PACK, LIFTING		2900812-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	8	.093	.858	.608	.484	.3
541	AC	FIXTURE, MOUNTING, IMU		2900000-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	4	.125	1.625	1.140	.890	.6
540	AC	ADPT. TEST POINT, P.S.A.		2900031-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	32	8° B	.858	.608	.484	.3
539	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.4
538	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-031		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.4
537	AC	TEST SELECTOR		2900028-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	32	.093	.858	.608	.484	.3
536	AC	ANALYZER, OPTICS-INERTIAL		2900023-041		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	4	.125	1.625	1.140	.890	.6
535	AC	CONT, TEMP, PORTABLE		2900060-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	32	.093	.858	.608	.484	.3
534	AC	COMPUTER CONT & RETICLE DIMMER		6014512-021		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.4
533	AC	ADPT MODULE, P.S.A.		1902431-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	32	.093	.858	.608	.484	.3
532	AC	TRAY BREAKOUT, 105 PIN		1900807-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	4	.125	1.625	1.140	.890	.6
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	4	.125	1.625	1.140	.890	.6
530	AC	HEAT SINK-TRAY EXTENDER		1900808-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	8	.093	.858	.608	.484	.3
529	AC	TESTER, FAILURE INDICATOR		1900809-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	32	.093	.858	.608	.484	.3
527	AC	FIX., MOUNTING, G & N	(-144)	1902204-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW													
526	AC	FIX., MOUNTING, G & N	(-144)	2900067-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW													
525	AC	PORTABLE TEMP. CONTROLLER		1900496-021		NAS-9-497	B	II	NOTE 11C	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718	1.187	.968	.6
524	AC	POWER, SERVO & THERMOCOUPLE ASSEMBLY C/M		2010743		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	.3
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY-LEM		6010656		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
522	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-LEM		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
521	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-C/M		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
520	AC	PIPA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 504 VALUES BELOW													
518	AC	JUNCTION BOX, ESE-PSA	(-144)	1901933-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW													
517	AC	FIX., HAND., OPTICS INSTL.	(-141)	2901380-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 502 VALUES BELOW													
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY-LEM		6010655		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007013		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
513	AC	JUMPER, BY-PASS	(-141)	1021616		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	32	.093	.858	.608	.484	.3
512	AC	COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
511	AC	COUPLING DATA UNIT ASSEMBLY-LEM	(-100)	2007322-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
510	AC	BATTERY POWER PACK	(-144)	1900011-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW													
509	AC	JUNCTION BOX, P.S.A./G.S.E.	(-144)	1902195-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW													
508	AC	NAVIGATION BASE ASSEMBLY-LEM	(-101)	6899980		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.4
507	AC	CSL, COOL. AND PWR, G AND N	(-144)	1902134-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW													
506	AC	BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011-011		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	32	.093	.858	.608	.484	.3
505	AC	MONITOR AND CONTROL, TEMP	(-141)	2900026-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	8	.093	.858	.608	.484	.3
504	AC	PWR SUP, GUIDANCE SYSTEM	(-141)	1900033-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	8	.093	.858	.608	.484	.3
503	AC	CONTROL, GIMBAL POSITION	(-141)	2900036-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	8	.093	.858	.608	.484	.3
502	AC	ADPT, TEST POINT, PTA/PEA	(-141)	2900145-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	32	.093	.858	.608	.484	.3
501	AC	MOUNTING PLATE, COMPONENT	(-144)	6900007-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW													
500	AC	MOUNTING PLATE, COMPONENT	(-144)	2900677-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	4	.125	1.625	1.140	.890	.6

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N
599	AC																					
598	AC																					
576		FIX., MOUNTING G&N		2900067-061		FOR OTHER DATA SEE DASH 500																
575		CSL, CAL AND TEST, SCM/PSAAM		2900895-041		FOR DATA SEE DASH 559																
574		CONT, TEMP PORTABLE		2900060-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 535 VALUES												
573		BATTERY PACK LIFTING		2900812-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 542 VALUES												
572		FIX., MOUNTING G&N	(-144)	2900067-051		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES												
570	AC	OPTICAL UNIT & BELLOWS ASSY				NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 550 VALUES												
569	AC	G & N INDICATOR CONTROL PANEL ASSY		2021323-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181												
568	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181												
567	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181												
566	AC	COMPUTER CONT & RETICLE DIMMER		6014512-061		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534												
565		[illegible] BATTERY PACK		1901492-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500												
564		BATTERY POWER PACK		1900011-051		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500												
563		[illegible] ADAPTER MODULE (LEM)		6900088-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES												
562	AC	COMPUTER CONT & RETICLE DIMMER		6014512-041		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534 VALUES												
561	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-031		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181 VALUES												
560		ADPT. MODULE, PSA		2901143-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES												
559		CSL, CAL AND TEST, SCM/PSAAM		2900895-031		FOR OTHER DATA SEE DASH 547																
558		PSA ADAPTER MODULE (LEM)		6900088-021		FOR OTHER DATA SEE DASH 189																
557		FIX., HANDLING, C/M PSA		2900998-021		NAS 9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES												
556		FIX., MOUNTING G & N	(-144)	2900067-041		NAS 9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES												
555	AC	OPTICAL UNIT ASSEMBLY		1021368-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.93
554	AC	OPTICAL UNIT ASSEMBLY		1021368-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.93
553	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-111		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.93
552	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-081		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.93
551	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-071		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.93
550	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.93
548		CAGING ELECTRONICS, GYRO		2900029-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	[illegible]	.093	.858	.608	.84
547		CSL, CAL AND TEST, SCM/PSAAM		2900895-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	[illegible]	.125	1.625	1.140	.90
546		FIX., HAND., C/M AND LEM CDU		2900999-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	[illegible]	.093	.858	.608	.84
545	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-021		NAS-9-497	A	I	NOTE 11B	3.000	1.936	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.96
544		ADPT MODULE, P.S.A.		1902431-051		NAS-9-497	B	II	NOTE 11C	2.125	.96[illegible]	1.718	NA	.093	.031	.06	.093	[illegible]	.093	.858	.608	.84
543	AC	PANEL, MONITOR		2900031-041		NAS-9-497	B	II	NOTE 11C	2.125	.96[illegible]	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.84
542	AC	BATTERY PACK, LIFTING		2900812-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.84
541	AC	FIXTURE, MOUNTING, IMU		2900000-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.90
540	AC	ADPT, TEST POINT, P.S.A.		2900037-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	[illegible]	.093	.858	.608	.84
539	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.93
538	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-031		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.93
537	AC	TEST SELECTOR		2900028-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	[illegible]	.093	.858	.608	.84
536	AC	ANALYZER, OPTICS-INERTIAL		2900023-041		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.90
535	AC	CONT, TEMP, PORTABLE		2900060-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	[illegible]	.093	.858	.608	.84
534	AC	COMPUTER CONT & RETICLE DIMMER		6014512-021		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.93
533	AC	ADPT MODULE, P.S.A.		1902431-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	[illegible]	.093	.858	.608	.84
532	AC	TRAY BREAKOUT, 105 PIN		1900807-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.91
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.91
530	AC	HEAT SINK-TRAY EXTENDER		1900808-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.84
529	AC	TESTER, FAILURE INDICATOR		1900809-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	[illegible]	.093	.858	.608	.84
527	AC	FIX., MOUNTING, G & N	(-144)	1902204-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW												
526	AC	FIX., MOUNTING, G & N	(-144)	2900067-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW												
525	AC	PORTABLE TEMP. CONTROLLER		1902496-021		NAS-9-497	B	II	NOTE 11C	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718	1.187	.6
524	AC	POWER, SERVO & THERMOCOUPLE ASSEMBLY C/M		2010743		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.8
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY-LEM		6010656		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW												
522	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-LEM		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW												
521	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-C/M		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW												
520	AC	PTPA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 506 VALUES BELOW												
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 504 VALUES BELOW												
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW												
517	AC	FIX., HAND., OPTICS INSTL.	(-141)	2901380-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 502 VALUES BELOW												
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY-LEM		6010655		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW												
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007013		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW												
513	AC	JUMPER, BY-PASS	(-141)	1021616		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	[illegible]	.093	.858	.608	.8
512	AC	COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW												
511	AC	COUPLING DATA UNIT ASSEMBLY-LEM	(-100)	2007322-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW												
510	AC	BATTERY POWER PACK	(-144)	1900011-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 501 VALUES BELOW												
509	AC	JUNCTION BOX, P.S.A./G.S.E.	(-144)	1902195-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW												
508	AC	NAVIGATION BASE ASSEMBLY-LEM	(-101)	6899980		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.9
507	AC	CSL, COOL. AND PWR, G AND N	(-144)	1902134-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW												
506	AC	BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011-011		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	[illegible]	.093	.858	.608	.4
505	AC	MONITOR AND CONTROL, TEMP	(-141)	2900026-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	[illegible]	.093	.858	.608	.4
504	AC	PWR SUP, GUIDANCE SYSTEM	(-141)	1900033-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	[illegible]	.093	.858	.608	.4
503	AC	CONTROL, GIMBAL POSITION	(-141)	2900036-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	[illegible]	.093	.858	.608	.4
502	AC	ADPT, TEST POINT, PTA/PEA,	(-141)	2901145-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	[illegible]	.093	.858	.608	.4
501	AC	MOUNTING PLATE, COMPONENT	(-144)	6900007-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW												
500	AC	MOUNTING PLATE, COMPONENT	(-144)	2900677-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	[illegible]	.125	1.625	1.140	.9

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M
599	AC																				
598	AC																				
576		FIX., MOUNTING G&N		2900067-061		FOR OTHER DATA SEE DASH 500															
575		CSL, CAL AND TEST, SCM/PSAAM		2900895-041		FOR DATA SEE DASH 559															
574		CONT. TEMP PORTABLE		2900060-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 535 VALUES											
573		BATTERY PACK LIFTING		2900812-051		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 542 VALUES											
572		FIX., MOUNTING G&N	(-144)	2900067-081		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES											
571		EYEPIECE STORAGE UNIT		2021382		FOR OTHER DATA SEE DASH 100															
570	AC	OPTICAL UNIT & BELLOWS ASSY				NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 550 VALUES											
569	AC	G & N INDICATOR CONTROL PANEL ASSY		2021323-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181											
568	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181											
567	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181											
566	AC	COMPUTER CONT & RETICLE DIMMER		6014512-061		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534											
565		AUXILIARY BATTERY PACK		1901432-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500											
564		BATTERY POWER PACK		1900011-051		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500											
563		PSA ADAPTER MODULE (LEM)		6900088-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES											
562	AC	COMPUTER CONT & RETICLE DIMMER		6014512-041		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534 VALUES											
561	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-031		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181 VALUES											
560		ADPT. MODULE, PSA		2901143-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES											
559		CSL, CAL AND TEST, SCM/PSAAM		2900895-031		FOR OTHER DATA SEE DASH 547															
558		PSA ADAPTER MODULE (LEM)		6900088-021		FOR OTHER DATA SEE DASH 189															
557		FIX., HANDLING, C/M PSA		2900099-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES											
556		FIX., MOUNTING G & N	(-144)	2900067-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES											
555	AC	OPTICAL UNIT ASSEMBLY		1021368-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
554	AC	OPTICAL UNIT ASSEMBLY		1021368-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
553	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-111		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
552	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-081		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
551	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-071		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
550	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
548		CAGING ELECTRONICS, GYRO		2900029-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
547		CSL, CAL AND TEST, SCM/PSAAM		2900895-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
546		FIX., HAND., C/M AND LEM CDU		2900939-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
545	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-021		NAS-9-497	A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.156	NA	NA	NA	1.750	1.125
544		ADPT MODULE, P.S.A.		1902431-051		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
543	AC	PANEL, MONITOR		2900031-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
542	AC	BATTERY PACK, LIFTING		2900812-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
541	AC	FIXTURE, MOUNTING, INU		2900000-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
540	AC	ADPT, TEST POINT, P.S.A.		2900037-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
539	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
538	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-031		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
537	AC	TEST SELECTOR		2900028-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
536	AC	ANALYZER, OPTICS-INERTIAL		2900023-041		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
535	AC	CONT, TEMP, PORTABLE		2900060-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
534	AC	COMPUTER CONT & RETICLE DIMMER		6014512-021		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
533	AC	ADPT MODULE, P.S.A.		1902431-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
532	AC	TRAY BREAKOUT, 105 PIN		1900807-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140
530	AC	HEAT SINK-TRAY EXTENDER		1900808-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
529	AC	TESTER, FAILURE INDICATOR		1900809-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
527	AC	FIX., MOUNTING, G & N	(-144)	1902204-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
526	AC	FIX., MOUNTING, G & N	(-144)	2900067-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
525	AC	PORTABLE TEMP, CONTROLLER		1900496-021		NAS-9-497	B	II	NOTE 11C	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718	1.187
524	AC	POWER, SERVO & THERMOCOUPLE ASSEMBLY C/M		2010743		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY-LEM		6010656		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
522	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-LEM		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
521	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-C/M		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
520	AC	PIPA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 504 VALUES BELOW											
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
517	AC	FIX., HAND., OPTICS INSTL.	(-141)	2901380-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 502 VALUES BELOW											
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY-LEM		6010655		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007013		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
513	AC	JUMPER, BY-PASS	(-141)	1021616		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
512	AC	COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
511	AC	COUPLING DATA UNIT ASSEMBLY-LEM	(-100)	2007322-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
510	AC	BATTERY POWER PACK	(-144)	1900011-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
509	AC	JUNCTION BOX, P.S.A./G.S.E.	(-144)	1902195-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
508	AC	NAVIGATION BASE ASSEMBLY-LEM	(-101)	6899980		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
507	AC	CSL, COOL, AND PWR, G AND N	(-144)	1902134-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
506	AC	BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011-011		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
505	AC	MONITOR AND CONTROL, TEMP	(-141)	2900026-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
504	AC	PWR SUP, GUIDANCE SYSTEM	(-141)	1900033-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
503	AC	CONTROL, GIMBAL POSITION	(-141)	2900036-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
502	AC	ADPT, TEST POINT, PTA/PEA,	(-141)	2900145-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608
501	AC	MOUNTING PLATE, COMPONENT	(-144)	6900007-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
500	AC	MOUNTING PLATE, COMPONENT	(-144)	2900677-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
599	AC																						
598	AC																						
577		BREAKOUT BOX, CABLE ADAPTER		2901011-021		FOR OTHER DATA SEE DASH 506																	
576		FIX.,MOUNTING G&N		2900067-061		FOR OTHER DATA SEE DASH 500																	
575		CSL, CAL AND TEST, SCM/PSAAM		2900895-041		FOR DATA SEE DASH 559																	
574		CONT, TEMP PORTABLE		2900060-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 535 VALUES													
573		BATTERY PACK LIFTING		2900812-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 542 VALUES													
572		FIX., MOUNTING G&N	(-144)	2900067-081		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES													
571		EYEPIECE STORAGE UNIT		2021382		FOR OTHER DATA SEE DASH 100																	
570	AC	OPTICAL UNIT & BELLOWS ASSY				NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 550 VALUES													
569	AC	G & N INDICATOR CONTROL PANEL ASSY		2021323-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181													
568	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181													
567	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181													
566	AC	COMPUTER CONT & RETICLE DIMMER		6045I2-061		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534													
565		AUXILIARY BATTERY PACK		1901492-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500													
564		BATTERY POWER PACK		1900011-051		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500													
563		PSA ADAPTER MODULE (LEM)		6900088-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES													
562	AC	COMPUTER CONT & RETICLE DIMMER		6014512-041		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534 VALUES													
561	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-031		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181 VALUES													
560		ADPT. MODULE, PSA		2901143-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES													
559		CSL, CAL AND TEST, SCM/PSAAM		2900895-031		FOR OTHER DATA SEE DASH 547																	
558		PSA ADAPTER MODULE (LEM)		6900088-021		FOR OTHER DATA SEE DASH 189																	
557		FIX., HANDLING, C/M PSA		2900300-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES													
556		FIX., MOUNTING G & N	(-144)	2900067-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES													
555	AC	OPTICAL UNIT ASSEMBLY		1021369-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	66
554	AC	OPTICAL UNIT ASSEMBLY		1021369-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	66
553	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-111		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	66
552	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-081		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	66
551	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-071		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	66
550	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	66
548		CAGING ELECTRONICS, GYRO		2900029-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	33	.093	.858	.608	.484	76
547		CSL, CAL AND TEST, SCM/PSAAM		2900895-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	11	.125	1.625	1.140	.890	14
546		FIX., HAND, C/M AND LEM CDU		2900999-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	33	.093	.858	.608	.484	76
545	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-021		NAS-9-497	A	I	NOTE 11B	2.000	1.938	2.437	2.312	.125	.062	.188	.156	NA	NA	1.75	1.12	.906	14
544		ADPT MODULE, P.S.A.		1902431-051		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	33	.093	.858	.608	.484	76
543	AC	PANEL, MONITOR		2900031-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	1	.093	.858	.608	.484	76
542	AC	BATTERY PACK, LIFTING		2900812-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	1	.093	.858	.608	.484	76
541	AC	FIXTURE, MOUNTING, INU		2900090-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	1	.125	1.625	1.140	.890	14
540	AC	ADPT, TEST POINT, P.S.A.		2900037-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	33	.093	.858	.608	.484	76
539	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	66
538	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-031		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	66
537	AC	TEST SELECTOR		2900028-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	33	.093	.858	.608	.484	76
536	AC	ANALYZER, OPTICS-INERTIAL		2900023-041		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	1	.125	1.625	1.140	.890	14
535	AC	CONT, TEMP, PORTABLE		2900060-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	33	.093	.858	.608	.484	76
534	AC	COMPUTER CONT & RETICLE DIMMER		6014512-021		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	66
533	AC	ADPT MODULE, P.S.A.		1902431-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	33	.093	.858	.608	.484	76
532	AC	TRAY BREAKOUT, 105 PIN		1900807-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	1	.125	1.625	1.140	.890	14
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	1	.125	1.625	1.140	.890	14
530	AC	HEAT SINK-TRAY EXTENDER		1900808-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	1	.093	.858	.608	.484	76
529	AC	TESTER, FAILURE INDICATOR		1900809-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	33	.093	.858	.608	.484	76
527	AC	FIX., MOUNTING, G & N	(-144)	1902204-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW													
526	AC	FIX., MOUNTING, G & N	(-144)	2900067-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW													
525	AC	PORTABLE TEMP. CONTROLLER		1900496-021		NAS-9-497	B	II	NOTE 11C	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718	1.187	.968	74
524	AC	POWER, SERVO & THERMOCOUPLE ASSEMBLY C/M		2010743		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.484	76
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY-LEM		6010656		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
522	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-LEM		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
521	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-C/M		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
520	AC	PIPA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 504 VALUES BELOW													
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW													
517	AC	FIX., HAND., OPTICS INSTL.	(-141)	2901380-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 502 VALUES BELOW													
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY-LEM		6010655		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007013		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
513	AC	JUMPER, BY-PASS	(-141)	1021616		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	031	.06	.093	33	.093	.858	.608	.484	76
512	AC	COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
511	AC	COUPLING DATA UNIT ASSEMBLY-LEM	(-100)	2007322-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
510	AC	BATTERY POWER PACK	(-144)	1900011-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW													
509	AC	JUNCTION BOX, P.S.A./S.S.E.	(-144)	1902195-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW													
508	AC	NAVIGATION BASE ASSEMBLY-LEM	(-101)	6899980		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.593	66
507	AC	CSL, COOL, AND PWR, G AND N	(-144)	1902134-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW													
506	AC	BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011-011		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	33	.093	.858	.608	.484	76
505	AC	MONITOR AND CONTROL, TEMP	(-141)	2900026-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	1	.093	.858	.608	.484	76
504	AC	PWR SUP, GUIDANCE SYSTEM	(-141)	1900033-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	1	.093	.858	.608	.484	76
503	AC	CONTROL, GIMBAL POSITION	(-141)	2900036-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	1	.093	.858	.608	.484	76
502	AC	ADPT, TEST POINT, PTA/PEA,	(-141)	2901145-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	33	.093	.858	.608	.484	76
501	AC	MOUNTING PLATE, COMPONENT	(-144)	6900007-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW													
500	AC	MOUNTING PLATE, COMPONENT	(-144)	2900677-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	11	.125	1.625	1.140	.890	14

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M
599	AC																				
598	AC																				
577		BREAKOUT BOX, CABLE ADAPTER		2901011-021		FOR OTHER DATA SEE DASH 506															
576		FIX., MOUNTING G&N		2900067-068		FOR OTHER DATA SEE DASH 500															
575		CSL, CAL AND TEST, SCM/PSAAM		2900895-041		FOR DATA SEE DASH 559															
574		CONT., TEMP. PORTABLE		2900060-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 535 VALUES											
573		BATTERY PACK LIFTING		2900812-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 542 VALUES											
572		FIX., MOUNTING G/N	(-144)	2900067-081		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES											
571		EYEPIECE STORAGE UNIT		2021382		FOR OTHER DATA SEE DASH 100															
570	AC	OPTICAL UNIT & BELLOWS ASSY				NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 550 VALUES											
569	AC	G & N INDICATOR CONTROL PANEL ASSY		2021323-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181											
568	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181											
567	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181											
566	AC	COMPUTER CONT & RETICLE DIMMER		6014512-061		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534											
565		[illegible]		1901492-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500											
564		BATTERY POWER PACK		9000[illegible]-051		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500											
563		PSA ADAPTER M[illegible]		6900088-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES											
562	AC	COMPUTER CONT & RETICLE DIMMER		6014512-041		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534 VALUES											
561	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-031		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181 VALUES											
560		ADPT. MODULE, PSA		2901143-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES											
559		CSL, CAL AND TEST, SCM/PSAAM		2900895-031		FOR OTHER DATA SEE DASH 567															
558		PSA ADAPTER MODULE (LLM)		6900088-021		FOR OTHER DATA SEE DASH 189															
557		FIX., HANDLING, C/M PSA		2900998-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES											
556		FIX., MOUNTING G & N	(-144)	2900067-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES											
555	AC	OPTICAL UNIT ASSEMBLY		1021368-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	
554	AC	OPTICAL UNIT ASSEMBLY		1021368-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	
553	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-111		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	
552	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-081		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	
551	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-071		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	
550	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	
548		CASING, ELECTRONICS, GYRO		2900029-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	
547		CSL, CAL AND TEST, SCM/PSAAM		2900895-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1
546		FIX., HAND., C/M AND LEM CDU		2900999-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	
545	AC	G & N INDICATOR CONTROL PANEL ASSY		2014579-021		NAS-9-497	A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.250	1
544		ADPT. MODULE, P.S.A.		1902421-051		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	
543	AC	PANEL, MONITOR		2900031-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	
542	AC	BATTERY PACK, LIFTING		2900812-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	
541	AC	FIXTURE, MOUNTING, IMU		2900000-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1
540	AC	ADPT, TEST POINT, P.S.A.		2900037-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	
539	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	
538	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-031		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	
537	AC	TEST SELECTOR		2900028-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	
536	AC	ANALYZER, OPTICS-INERTIAL		2900023-041		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1
535	AC	CONT, TEMP, PORTABLE		2900060-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	
534	AC	COMPUTER CONT & RETICLE DIMMER		6014512-021		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	
533	AC	ADPT MODULE, P.S.A.		1902431-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	
532	AC	TRAY BREAKOUT, 105 PIN		1900807-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1
530	AC	HEAT SINK-TRAY EXTENDER		1900808-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	
529	AC	TESTER, FAILURE INDICATOR		1900809-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	
527	AC	FIX., MOUNTING, G & N	(-144)	1902204-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
526	AC	FIX., MOUNTING, G & N	(-144)	2900067-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
525	AC	PORTABLE TEMP. CONTROLLER		1900496-021		NAS-9-497	B	II	NOTE 11C	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.175	1.718	1
524	AC	POWER, SERVO & THERMOCOUPLE ASSEMBLY C/M		2010743		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY-LEM		6010656		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
522	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-LEM		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
521	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-C/M		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
520	AC	PIPA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 504 VALUES BELOW											
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
517	AC	FIX., HAND., OPTICS INSTL.	(-141)	2901380-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 502 VALUES BELOW											
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY-LEM		6010655		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007013		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
513	AC	JUMPER, BY-PASS	(-141)	1021616		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	.093	.858	
512	AC	COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
511	AC	COUPLING DATA UNIT ASSEMBLY-LEM	(-100)	2007322-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
510	AC	BATTERY POWER PACK	(-144)	1900011-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
509	AC	JUNCTION BOX, P.S.A./G.S.E.	(-144)	1902195-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
508	AC	NAVIGATION BASE ASSEMBLY-LEM	(-101)	6899980		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	
507	AC	CSL, CONT., AND PWR, G AND N	(-144)	1902134-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
506	AC	BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011-011		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	
505	AC	MONITOR AND CONTROL, TEMP	(-141)	2900026-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	
504	AC	PWR SUP. GUIDANCE SYSTEM	(-141)	1900033-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	
503	AC	CONTROL, GIMBAL POSITION	(-141)	2900036-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	
502	AC	ADPT, TEST POINT, PTA/PEA	(-141)	2900145-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	
501	AC	MOUNTING PLATE, COMPONENT	(-144)	6900007-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
500	AC	MOUNTING PLATE, COMPONENT	(-144)	2900677-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.14

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
599	AC																						
598	AC																						
582	AC	G&N INDICATOR CONTROL PANEL ASSY		2021325-041					FOR OTHER DATA SEE DASH 181														
581	AC	G&N INDICATOR CONTROL PANEL ASSY		2021325-021					FOR OTHER DATA SEE DASH 81														
579	AC	COMPUTER CONT & RETICLE DIMMER		6014512-081					FOR OTHER DATA SEE DASH 534														
578	AC	G&N INDICATOR CONTROL PANEL ASSY		2021290-031					FOR OTHER DATA SEE DASH 181														
577		BREAKOUT BOX, CABLE ADAPTER		2901011-021					FOR OTHER DATA SEE DASH 506														
576		FIX., MOUNTING G&N		2900067-061					FOR OTHER DATA SEE DASH 500														
575		CSL, CAL AND TEST, SCM/PSAAM		2900895-041					FOR DATA SEE DASH 559														
574		CONT, TEMP, PORTABLE		2900060-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 535 VALUES													
573		BATTERY PACK LIFTING		2900812-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 542 VALUES													
572		FIX., MOUNTING G&N	(-144)	2900067-081		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES													
571		EYEPIECE STORAGE UNIT		2021382		FOR OTHER DATA SEE DASH 100																	
570	AC	OPTICAL UNIT & BELLOWS ASSY				NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 550 VALUES													
569	AC	G & N INDICATOR CONTROL PANEL ASSY		2021323-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181													
568	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181													
567	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181													
566	AC	COMPUTER CONT & RETICLE DIMMER		6014512-061		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534													
565		AUXILARY BATTERY PACK		1901492-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500													
564		BATTERY POWER PACK		1900011-051		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500													
563		PSA ADAPTER MODULE (LEM)		6900088-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES													
562	AC	COMPUTER CONT & RETICLE DIMMER		6014512-041		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534 VALUES													
561	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-031		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181 VALUES													
560		ADPT, MODULE, PSA		2901143-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES													
559		CSL, CAL AND TEST, SCM/PSAAM		2900895-031		FOR OTHER DATA SEE DASH 547																	
558		PSA ADAPTER MODULE (LEM)		6900088-021		FOR OTHER DATA SEE DASH 189																	
557		FIX., HANDLING, C/M PSA		2900998-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES													
556		FIX., MOUNTING G & N	(-144)	2900067-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES													
555	AC	OPTICAL UNIT ASSEMBLY				NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	MA	MA	1.125	.75	1.383	1.4
554	AC	OPTICAL UNIT ASSEMBLY		1021368-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	MA	MA	1.125	.75	1.383	1.4
553	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-111		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	MA	MA	1.125	.75	1.383	1.4
552	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-081		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	MA	MA	1.125	.75	1.383	1.4
551	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-071		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	MA	MA	1.125	.75	1.383	1.4
550	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	MA	MA	1.125	.75	1.383	1.4
548		CAGING ELECTRONICS, GYRO		2900029-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	MA	.093	.031	.06	.093	MA	.093	.858	.6	.484	.5
547		CSL, CAL AND TEST, SCM/PSAAM		2900895-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	MA	.125	.062	.12	.156	1	.125	1.625	1.14	.890	.9
546		FIX., HAND., C/M AND LEM CDU		2900999-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	MA	.093	.031	.06	.093	MA	.093	.858	.6	.484	.5
545	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-021		NAS-9-497	A	I	NOTE 11B	3.000	1.938	2.437	MA	.125	.062	.188	.156	MA	MA	1.750	1.14	.906	.9
544		ADPT MODULE, P.S.A.		1902431-051		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	MA	.093	.031	.06	.093	MA	.093	.858	.6	.484	.5
543	AC	PANEL, MONITOR		2900031-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	MA	.093	.031	.06	.093	MA	.093	.858	.6	.484	.5
542	AC	BATTERY PACK, LIFTING		2900812-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	MA	.093	.031	.06	.093	MA	.093	.858	.6	.484	.5
541	AC	FIXTURE, MOUNTING, INU		2900000-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	MA	.125	.062	.12	.156	1	.125	1.625	1.14	.890	.9
540	AC	ADPT, TEST POINT, P.S.A.		2900037-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	MA	.093	.031	.06	.093	MA	.093	.858	.6	.484	.5
539	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	MA	MA	1.125	.75	1.383	1.4
538	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-031		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	MA	MA	1.125	.75	1.383	1.4
537	AC	TEST SELECTOR		2900028-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	MA	.093	.031	.06	.093	MA	.093	.858	.6	.484	.5
536	AC	ANALYZER, OPTICS-INERTIAL		2900023-041		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	MA	.125	.062	.12	.156	1	.125	1.625	1.14	.890	.9
535	AC	CONT, TEMP, PORTABLE		2900060-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	MA	.093	.031	.06	.093	MA	.093	.858	.6	.484	.5
534	AC	COMPUTER CONT & RETICLE DIMMER		6014512-021		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	MA	MA	1.125	.75	1.383	1.4
533	AC	ADPT MODULE, P.S.A.		1902431-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	MA	.093	.031	.06	.093	MA	.093	.858	.6	.484	.5
532	AC	TRAY BREAKOUT, 105 PIN		1900807-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	MA	.125	.062	.12	.156	1	.125	1.625	1.14	.890	.9
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	MA	.125	.062	.12	.156	1	.125	1.625	1.14	.890	.9
530	AC	HEAT SINK-TRAY EXTENDER		1900808-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	MA	.093	.031	.06	.093	MA	.093	.858	.6	.484	.5
529	AC	TESTER, FAILURE INDICATOR		1900809-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	MA	.093	.031	.06	.093	MA	.093	.858	.6	.484	.5
527	AC	FIX., MOUNTING, G & N	(-144)	1902204-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW													
526	AC	FIX., MOUNTING, G & N	(-144)	2900067-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW													
525	AC	PORTABLE TEMP, CONTROLLER		1900496-021		NAS-9-497	B	II	NOTE 11C	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	1.718	1.17	.906	.9
524	AC	POWER, SERVO & THERMOCOUPLE ASSEMBLY C/M		2010743		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	MA	.093	.031	.06	.093	MA	MA	.858	.6	.484	.5
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY-LEM		6010656		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
522	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-LEM		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
521	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-C/M		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
520	AC	PIPA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 504 VALUES BELOW													
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW													
517	AC	FIX., HAND., OPTICS INSTL.	(-141)	2901380-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 502 VALUES BELOW													
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY-LEM		6010655		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007013		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
513	AC	JUMPER, BY-PASS	(-141)	1021616		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	MA	.093	.031	.06	.093	MA	.093	.858	.6	.484	.5
512	AC	COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
511	AC	COUPLING DATA UNIT ASSEMBLY-LEM	(-100)	2007322-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW													
510	AC	BATTERY POWER PACK	(-144)	1900011-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW													
509	AC	JUNCTION BOX, P.S.A./G.S.E.	(-144)	1902195-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW													
508	AC	NAVIGATION BASE ASSEMBLY-LEM	(-101)	6899980		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	MA	MA	1.125	.75	1.383	1.4
507	AC	CSL, COOL, AND PWR, G AND N	(-144)	1902134-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW													
506	AC	BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011-011		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	MA	.093	.031	.06	.093	MA	.093	.858	.6	.484	.5
505	AC	MONITOR AND CONTROL, TEMP	(-141)	2900026-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	MA	.093	.031	.06	.093	MA	.093	.858	.6	.484	.5
504	AC	PWR SUP, GUIDANCE SYSTEM	(-141)	1900033-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	MA	.093	.031	.06	.093	MA	.093	.858	.6	.484	.5
503	AC	CONTROL, GIMBAL POSITION	(-141)	2900036-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	MA	.093	.031	.06	.093	MA	.093	.858	.6	.484	.5
502	AC	ADPT, TEST POINT, PTA/PEA	(-141)	2900145-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	MA	.093	.031	.06	.093	MA	.093	.858	.6	.484	.5
501	AC	MOUNTING PLATE, COMPONENT	(-144)	6900007-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW													
500	AC	MOUNTING PLATE, COMPONENT	(-144)	2900677-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	MA	.125	.062	.12	.156	1	.125	1.625	1.14	.890	.9

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L
599	AC																			
598	AC																			
585		ANALYZER, OPTICS INERTIAL		2900023-051		NAS-9-497	B	II	NOTE 11C	FOR OTHER DATA SEE DASH 536										
584		CONTROL PANEL CLEANING KIT		2021229-011		NAS-9-497	B	I	NOTE 11A	FOR DIMENSIONS SEE DASH 4 VALUES BELOW										
583		SWITCH CROSS BAR ASSY		1900048-021						FOR OTHER DATA SEE DASH 102										
582	AC	G&N INDICATOR CONTROL PANEL ASSY		2021290-041						FOR OTHER DATA SEE DASH 181										
581	AC	G&N INDICATOR CONTROL PANEL ASSY		2021323-021						FOR OTHER DATA SEE DASH 181										
580		AUXILIARY BATTERY PACK		1901492-031						FOR OTHER DATA SEE DASH 565										
579	AC	COMPUTER CONT & RETICLE DIMMER		6014512-081						FOR OTHER DATA SEE DASH 334										
578	AC	G&N INDICATOR CONTROL PANEL ASSY		2021290-031						FOR OTHER DATA SEE DASH 181										
577		BREAKOUT BOX, CABLE ADAPTER		2901011-021						FOR OTHER DATA SEE DASH 506										
576		FIX.,MOUNTING G&N		2900067-061						FOR OTHER DATA SEE DASH 500										
575		CSL, CAL AND TEST, SCM/PSAAM		2900895-041						FOR DATA SEE DASH 559										
574		CONT, TEMP PORTABLE		2900060-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 535 VALUES										
573		BATTERY PACK LIFTING		2900812-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 542 VALUES										
572		FIX., MOUNTING G&N	(-144)	2900067-051		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES										
571		EYEPIECE STORAGE UNIT		2021382		FOR OTHER DATA SEE DASH 100														
570	AC	OPTICAL UNIT & BELLOWS ASSY				NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 550 VALUES										
569	AC	G & N INDICATOR CONTROL PANEL ASSY		2021323-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181										
568	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181										
567	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181										
566	AC	COMPUTER CONT & RETICLE DIMMER		6014512-061		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534										
565		AUXILIARY BATTERY PACK		1901492-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500										
564		BATTERY POWER PACK		1900011-051		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500										
563		PSA ADAPTER MODULE (LEM)		6900088-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES										
562	AC	COMPUTER CONT & RETICLE DIMMER		6014512-041		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534 VALUES										
561	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-031		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181 VALUES										
560		ADPT. MODULE, PSA		2901143-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES										
559		CSL, CAL AND TEST, SCM/PSAAM		2900895-031		FOR OTHER DATA SEE DASH 547														
558		PSA ADAPTER MODULE (LEM)		6900088-021		FOR OTHER DATA SEE DASH 189														
557		FIX., HANDLING, C/M PSA		2900888-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES										
556		FIX., MOUNTING G & N	(-144)	2900067-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES										
555	AC	OPTICAL UNIT ASSEMBLY		1021368-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
554	AC	OPTICAL UNIT ASSEMBLY		1021368-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
553	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-111		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
552	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-081		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
551	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-071		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
550	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
548		CAGING ELECTRONICS, GYRO		2900029-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	103	.093	.858	.608
547		CSL, CAL AND TEST, SCM/PSAAM		2900895-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	104	.125	1.625	1.140
546		FIX., HAND., C/M AND LEM CDU		2900999-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	103	.093	.858	.608
545	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-021		NAS-9-497	A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125
544		ADPT MODULE, P.S.A.		1902431-051		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	103	.093	.858	.608
543	AC	PANEL, MONITOR		2900031-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	104	.093	.858	.608
542	AC	BATTERY PACK, LIFTING		2900812-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	103	.093	.858	608
541	AC	FIXTURE, MOUNTING, IMU		2900000-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	104	.125	1.625	1.14
540	AC	ADPT, TEST POINT, P.S.A.		2900037-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	103	.093	.858	.60
539	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.75
538	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-031		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.75
537	AC	TEST SELECTOR		2900028-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	103	.093	.858	.60
536	AC	ANALYZER, OPTICS-INERTIAL		2900023-041		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	104	.125	1.625	1.14
535	AC	CONT, TEMP, PORTABLE		2900060-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	103	.093	.858	.60
534	AC	COMPUTER CONT & RETICLE DIMMER		6014512-021		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.75
533	AC	ADPT MODULE, P.S.A.		1902431-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	103	.093	.858	.60
532	AC	TRAY BREAKOUT, 105 PIN		1900807-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	104	.125	1.625	1.14
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	104	.125	1.625	1.14
530	AC	HEAT SINK-TRAY EXTENDER		1900808-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	103	.093	.858	.6
529	AC	TESTER, FAILURE INDICATOR		1900809-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	103	.093	.858	.6
527	AC	FIX., MOUNTING, G & N	(-144)	1902204-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW										
526	AC	FIX., MOUNTING, G & N	(-144)	2900067-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW										
525	AC	PORTABLE TEMP. CONTROLLER		1900496-021		NAS-9-497	B	II	NOTE 11C	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718	1.1
524	AC	POWER, SERVO & THERMOCOUPLE ASSEMBLY C/M		2010743		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.6
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY-LEM		6010656		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
522	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-LEM		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
521	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-C/M		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
520	AC	PIPA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 504 VALUES BELOW										
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW										
517	AC	FIX., HAND., OPTICS INSTL.	(-141)	2901380-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 502 VALUES BELOW										
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY-LEM		6010655		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007013		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
513	AC	JUMPER, BY-PASS	(-141)	1021616		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	103	.093	.858	.
512	AC	COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
511	AC	COUPLING DATA UNIT ASSEMBLY-LEM	(-100)	2007322-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
510	AC	BATTERY POWER PACK	(-144)	1900011-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW										
509	AC	JUNCTION BOX, P.S.A./G.S.E.	(-144)	1902195-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW										
508	AC	NAVIGATION BASE ASSEMBLY-LEM	(-101)	6899980		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	
507	AC	CSL, COOL, AND PWR, G AND N	(-144)	1902134-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW										
506	AC	BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011-011		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	103	.093	.858	
505	AC	MONITOR AND CONTROL, TEMP	(-141)	2900026-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	104	.093	.858	
504	AC	PWR SUP., GUIDANCE SYSTEM	(-141)	1900033-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	103	.093	.858	
503	AC	CONTROL, GIMBAL POSITION	(-141)	2900036-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	104	.093	.858	
502	AC	ADPT, TEST POINT, PTA/PEA,	(-141)	2900145-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW										
501	AC	MOUNTING PLATE, COMPONENT	(-144)	6900007-031		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	104	.125	1.625	
500	AC	MOUNTING PLATE, COMPONENT	(-144)	2900677-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW										

NOTES FOR TABLE

STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M
599	AC																				
598	AC																				
587		AUXILIARY BATTERY PACK		1901492-051		FOR OTHER DATA SEE DASH 565															
586		BATTERY POWER PACK		1900011-061		FOR OTHER DATA SEE DASH 565															
585		ANALYZER, OPTICS INERTIAL		2900023-051		FOR OTHER DATA SEE DASH 536															
584		ETHYLENE GLYCOL CLEANING KIT		4901630-011		NAS-9-497	B	I	NOTE IIB	14.000	2.625	3.380	NA	.620	.035	.150	.100	NA	NA	2.620	.440
583		SWITCH CROSS BAR ASSY		1900048-021		FOR OTHER DATA SEE DASH 102															
582	AC	G&N INDICATOR CONTROL PANEL ASSY		2021290-041		FOR OTHER DATA SEE DASH 181															
581	AC	G&N INDICATOR CONTROL PANEL ASSY		2021323-021		FOR OTHER DATA SEE DASH 181															
580		AUXILIARY BATTERY PACK		1901492-031		FOR OTHER DATA SEE DASH 565															
579	AC	COMPUTER CONT & RETICLE DIMMER		6014512-081		FOR OTHER DATA SEE DASH 534															
578	AC	G&N INDICATOR CONTROL PANEL ASSY		2021290-031		FOR OTHER DATA SEE DASH 181															
577		BREAKOUT BOX, CABLE ADAPTER		2901011-021		FOR OTHER DATA SEE DASH 506															
576		FIX., MOUNTING G&N		2900067-061		FOR OTHER DATA SEE DASH 500															
575		CSL, CAL AND TEST, SCM/PSAAM		2900895-041		FOR DATA SEE DASH 559															
574		CONT., TEMP PORTABLE		2900060-031		NAS-9-497	B	II	NOTE IIC	FOR DIMENSIONS SEE DASH 535 VALUES											
573		BATTERY PACK LIFTING		2900812-031		NAS-9-497	B	II	NOTE IIC	FOR DIMENSIONS SEE DASH 542 VALUES											
572		FIX., MOUNTING G&N	(-144)	2900067-051		NAS-9-497	B	II	NOTE IIC	FOR DIMENSIONS SEE DASH 500 VALUES											
571		EYEPIECE STORAGE NIT		2021382		FOR OTHER DATA SEE DASH 100															
570	AC	OPTICAL UNIT & BELLOWS ASSY				NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 550 VALUES											
569	AC	G & N INDICATOR CONTROL PANEL ASSY		2021323-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181											
568	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181											
567	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181											
566	AC	COMPUTER CONT & RETICLE DIMMER		6014512-061		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534											
565		AUXILIARY BATTERY PACK		1901492-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500											
564		BATTERY POWER PACK		1900011-051		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500											
563		PSA ADAPTER MODULE (LEM)		6900088-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES											
562	AC	COMPUTER CONT & RETICLE DIMMER		6014512-041		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534 VALUES											
561	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-031		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181 VALUES											
560		ADPT. MODULE, PSA		2901143-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES											
559		CSL, CAL AND TEST, SCM/PSAAM		2900895-031		FOR OTHER DATA SEE DASH 547															
558		PSA ADAPTER MODULE (LEM)		6900088-021		FOR OTHER DATA SEE DASH 189															
557		FIX., HANDLING, C/M PSA		2900998-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES											
556		FIX., MOUNTING G & N	(-144)	2900067-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES											
555	AC	OPTICAL UNIT ASSEMBLY		1021368-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
554	AC	OPTICAL UNIT ASSEMBLY		1021368-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
553	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-111		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
552	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-081		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
551	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-071		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
550	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
548		CAGING ELECTRONICS, GYRO		2900029-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	1/64	.093	.858	.608
547		CSL, CAL AND TEST, SCM/PSAAM		2900895-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.253	NA	.125	.062	.12	.156	1/64	.125	1.625	1.140
546		FIX., HAND., C/M AND LEM CDU		2900999-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	1/64	.093	.858	.608
545	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-021		NAS-9-497	A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125
544		ADPT MODULE, P.S.A.		1902431-051		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	1/64	.093	.859	.608
543	AC	PANEL, MONITOR		2900031-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	1/64	.093	.858	.608
542	AC	BATTERY PACK, LIFTING		2900812-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	1/64	.093	.858	.608
541	AC	FIXTURE, MOUNTING, IMU		2900000-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	1/64	.125	1.625	1.140
540	AC	ADPT, TEST POINT, P.S.A,		2900037-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	1/64	.093	.858	.608
539	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
538	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-031		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
537	AC	TEST SELECTOR		2900028-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	1/64	.093	.858	.608
536	AC	ANALYZER, OPTICS-INERTIAL		2900023-041		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	1/64	.125	1.625	1.140
535	AC	CONT, TEMP, PORTABLE		2900060-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	1/64	.093	.858	.608
534	AC	COMPUTER CONT & RETICLE DIMMER		6014512-021		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
533	AC	ADPT MODULE, P.S.A.		1902431-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	1/64	.093	.858	.608
532	AC	TRAY BREAKOUT, 105 PIN		1900807-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	1/64	.125	1.625	1.140
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	1/64	.125	1.625	1.140
530	AC	HEAT SINK-TRAY EXTENDER		1900808-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	1/64	.093	.858	.608
529	AC	TESTER, FAILURE INDICATOR		1900809-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	1/64	.093	.858	.608
527	AC	FIX., MOUNTING, G & N	(-144)	1902204-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
526	AC	FIX., MOUNTING G & N	(-144)	2900067-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
525	AC	PORTABLE TEMP. CONTROLLER		1900496-021		NAS-9-497	B	II	NOTE 11C	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718	1.187
524	AC	POWER, SERVO & THERMOCOUPLE ASSEMBLY C/M		2010743		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY-LEM		6010656		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
522	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-LEM		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
521	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-C/M		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
520	AC	PIPA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 504 VALUES BELOW											
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
517	AC	FIX., HAND., OPTICS INSTL.	(-141)	2901380-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 502 VALUES BELOW											
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY-LEM		6010655		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007013		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
513	AC	JUMPER, BY-PASS	(-141)	1021616		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	1/64	.093	.858	.608
512	AC	COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
511	AC	COUPLING DATA UNIT ASSEMBLY-LEM	(-100)	2007322-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
510	AC	BATTERY POWER PACK	(-144)	1900011-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
509	AC	JUNCTION BOX, P.S.A./G.S.E.	(-144)	1902195-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
508	AC	NAVIGATION BASE ASSEMBLY-LEM	(-101)	6899380		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
507	AC	CSL, COOL. AND PWR, G AND N	(-144)	1902134-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
506	AC	BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011-011		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	1/64	.093	.858	.608
505	AC	MONITOR AND CONTROL, TEMP	(-141)	2900026-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	1/64	.093	.858	.608
504	AC	PWR SUP. GUIDANCE SYSTEM	(-141)	1900033-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	1/64	.093	.858	.608
503	AC	CONTROL, GIMBAL POSITION	(-141)	2900036-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	1/64	.093	.858	.608
502	AC	ADPT, TEST POINT, PTA/PEA,	(-141)	2900145-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
501	AC	MOUNTING PLATE, COMPONENT	(-144)	6900007-031		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	1/64	.125	1.625	1.140
500	AC	MOUNTING PLATE, COMPONENT	(-144)	2900677-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M
599	AC																				
598	AC																				
597		AUXILIARY BATTERY PACK		1901492-051					FOR OTHER DATA SEE DASH 586												
596	AC	BATTERY POWER PACK		1900011-061		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.2	.156	.093	.25	.625	.40
595		ANALYZER, OPTICS INERTIAL		2900023-051					FOR OTHER DATA SEE DASH 536												
594		ETHYLENE GLYCOL CLEANING KIT		2901630-011		NAS-9-497	B	I	NOTE 11B	4.000	2.625	3.380	NA	.260	.093	.156	.180	NA	NA	2.250	.40
593		SWITCH GROSS BAR ASSY		1700048-041					FOR OTHER DATA SEE DASH 196												
592	AC	G&N INDICATOR CONTROL PANEL ASSY		2021290-041					FOR OTHER DATA SEE DASH 181												
591	AC	G&N INDICATOR CONTROL PANEL ASSY		2021323-021					FOR OTHER DATA SEE DASH 181												
590		AUXILIARY BATTERY PACK		1901492-041					FOR OTHER DATA SEE DASH 565												
589	AC	COMPUTER CONT & RETICLE DIMMER		6014512-081					FOR OTHER DATA SEE DASH 534												
588	AC	G&N INDICATOR CONTROL PANEL ASSY		2021290-031					FOR OTHER DATA SEE DASH 181												
587		BREAKOUT BOX, CABLE ADAPTER		2901011-021					FOR OTHER DATA SEE DASH 506												
586		FIX., MOUNTING G&N		2900067-061					FOR OTHER DATA SEE DASH 500												
585		CSL, CAL AND TEST, SCM/PSAAM		2900895-041					FOR DATA SEE DASH 559												
584		CONT, TEMP PORTABLE		2900060-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 535 VALUES											
583		BATTERY PACK LIFTING		2900812-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 542 VALUES											
582		FIX., MOUNTING G&N	(-144)	2900067-081		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES											
581		EYEPIECE STORAGE UNIT		2021382					FOR OTHER DATA SEE DASH 100												
580	AC	OPTICAL UNIT & BELLOWS ASSY				NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 550 VALUES											
579	AC	G & N INDICATOR CONTROL PANEL ASSY		2021323-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181											
578	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181											
577	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181											
576	AC	COMPUTER CONT & RETICLE DIMMER		6014512-061		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534											
575		AUXILIARY BATTERY PACK		1901492-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500											
574		BATTERY POWER PACK		1900011-051		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500											
573		PSA ADAPTER MODULE (LEM)		6900088-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES											
572	AC	COMPUTER CONT & RETICLE DIMMER		6014512-041		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534 VALUES											
571	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-031		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181 VALUES											
570		ADPT. MODULE, PSA		2901143-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES											
569		CSL, CAL AND TEST, SCM/PSAAM		2900895-031		FOR OTHER DATA SEE DASH 547															
568		PSA ADAPTER MODULE (LEM)		6900088-021		FOR OTHER DATA SEE DASH 189															
567		FIX., HANDLING, C/M PSA		2900998-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES											
566		FIX., MOUNTING G & N	(-144)	2900067-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES											
565	AC	OPTICAL UNIT ASSEMBLY		1021368-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
564	AC	OPTICAL UNIT ASSEMBLY		1021368-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
563	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-111		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
562	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-081		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
561	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-071		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
560	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
559		CAGING ELECTRONICS, GYRO		2900029-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608
558		CSL, CAL AND TEST, SCM/PSAAM		2900895-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.093	.125	1.625	1.140
557		FIX., HAND., C/M AND LEM CDU		2900999-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608
556	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-021		NAS-9-497	A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125
555		ADPT MODULE, P.S.A.		1902431-051		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608
554	AC	PANEL, MONITOR		2900031-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608
553	AC	BATTERY PACK, LIFTING		2900812-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608
552	AC	FIXTURE, MOUNTING, IMU		2900000-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.093	.125	1.625	1.140
551	AC	ADPT, TEST POINT, P.S.A.		2900037-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608
550	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
549	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-031		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
548	AC	TEST SELECTOR		2900028-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608
547	AC	ANALYZER, OPTICS-INERTIAL		2900023-041		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.093	.125	1.625	1.140
546	AC	CONT, TEMP, PORTABLE		2900060-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608
545	AC	COMPUTER CONT & RETICLE DIMMER		6014512-021		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
544	AC	ADPT MODULE, P.S.A.		1902431-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608
543	AC	TRAY BREAKOUT, 105 PIN		1900807-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.093	.125	1.625	1.140
542	AC	TRAY BREAKOUT, 84 PIN		1900806-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.093	.125	1.625	1.140
541	AC	HEAT SINK-TRAY EXTENDER		1900808-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608
540	AC	TESTER, FAILURE INDICATOR		1900809-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608
539	AC	FIX., MOUNTING, G & N	(-144)	1902204-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
538	AC	FIX., MOUNTING, G & N	(-144)	2900067-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
537	AC	PORTABLE TEMP, CONTROLLER		1900436-021		NAS-9-497	B	II	NOTE 11C	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718	1.187
536	AC	POWER, SERVO & THERMOCOUPLE ASSEMBLY C/M		2010743		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608
535	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY-LEM		6010656		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
534	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-LEM		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
533	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-C/M		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
532	AC	PIPA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
531	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 504 VALUES BELOW											
530	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
529	AC	FIX., HAND., OPTICS INSTL.	(-141)	2901380-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 502 VALUES BELOW											
528	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY-LEM		6010655		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
527	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007013		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
526	AC	JUMPER, E.-PASS	(-141)	1021616		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608
525	AC	COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
524	AC	COUPLING DATA UNIT ASSEMBLY-LEM	(-100)	2007322-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
523	AC	BATTERY POWER PACK	(-144)	1900011-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
522	AC	JUNCTION BOX, P.S.A./G.S.E.	(-144)	1902195-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
521	AC	NAVIGATION BASE ASSEMBLY-LEM	(-101)	6899980		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750
520	AC	GSL, COOL, AND PWR, G AND N	(-144)	1902134-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608
519	AC	BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011-011		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608
518	AC	MONITOR AND CONTROL, TEMP	(-141)	2900026-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608
517	AC	PWR SUP, GUIDANCE SYSTEM	(-141)	1900033-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608
516	AC	CONTROL, GIMBAL POSITION	(-141)	2900036-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608
515	AC	ADPT, TEST POINT, PTA/PEA,	(-141)	2900145-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.608
514	AC	MOUNTING PLATE, COMPONENT	(-144)	6900007-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
513	AC	MOUNTING PLATE, COMPONENT	(-144)	2900677-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.093	.125	1.625	1.14

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M
599	AC																				
598	AC																				
590		PSA ADAPTER MODULE (BLK II)		2901143-031		NAS9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES											
587		AUXILIARY BATTERY PACK		1901492-051		FOR OTHER DATA SEE DASH 586															
586	AC	BATTERY POWER PACK		1900011-061		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.188	.125	1.625	1.140
585		ANALYZER, OPTICS INERTIAL		2900023-051		FOR OTHER DATA SEE DASH 536															
584		ETHYLENE GLYCOL CLEANING KIT		2901630-011		NAS-9-497	B	I	NOTE 11B	4.000	2.625	3.380	NA	.260	.093	.156	.160	NA	NA	2.290	1.440
583		SWITCH ASSY BAR ASSY		2020000-011		FOR OTHER DATA SEE DASH 100															
582	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290-041		FOR OTHER DATA SEE DASH 181															
581	AC	G & N INDICATOR CONTROL PANEL ASSY		2021323-021		FOR OTHER DATA SEE DASH 181															
580		AUXILIARY BATTERY PACK		1901492-031		FOR OTHER DATA SEE DASH 565															
579	AC	COMPUTER CONT & RETICLE DIMMER		6014512-081		FOR OTHER DATA SEE DASH 534															
578	AC	G&N INDICATOR CONTROL PANEL ASSY		2021290-031		FOR OTHER DATA SEE DASH 181															
577		BREAKOUT BOX, CABLE ADAPTER		2901011-021		FOR OTHER DATA SEE DASH 506															
576		FIX.,MOUNTING G&N		2900067-061		FOR OTHER DATA SEE DASH 500															
575		CSL, CAL AND TEST, SCM/PSAAM		2900895-041		FOR DATA SEE DASH 559															
574		CONT, TEMP PORTABLE		2900060-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 535 VALUES											
573		BATTERY PACK LIFTING		2900812-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 542 VALUES											
572		FIX., MOUNTING G&N	(-144)	2900067-051		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES											
571		EYEPIECE STORAGE UNIT		2021382		FOR OTHER DATA SEE DASH 100															
570	AC	OPTICAL UNIT & BELLOWS ASSY				NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 550 VALUES											
569	AC	G & N INDICATOR CONTROL PANEL ASSY		2021323-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181											
568	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181											
567	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181											
566	AC	COMPUTER CONT & RETICLE DIMMER		6014512-061		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534											
565		AUXILIARY BATTERY PACK		1901492-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500											
564		BATTERY POWER PACK		1900011-051		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500											
563		PSA ADAPTER MODULE (LEM)		6900088-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES											
562	AC	COMPUTER CONT & RETICLE DIMMER		6014512-041		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534 VALUES											
561	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-031		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181 VALUES											
560		ADPT, MODULE, PSA		2901143-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES											
559		CSL, CAL AND TEST, SCM/PSAAM		2900895-031		FOR OTHER DATA SEE DASH 547															
558		PSA ADAPTER MODULE (LEM)		6900088-021		FOR OTHER DATA SEE DASH 189															
557		FIX., HANDLING, C/M PSA		2900998-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES											
556		FIX., MOUNTING G & N	(-144)	2900067-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES											
555	AC	OPTICAL UNIT ASSEMBLY		1021368-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.75
554	AC	OPTICAL UNIT ASSEMBLY		1021368-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.75
553	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-111		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.75
552	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-081		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.75
551	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-071		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.75
550	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.75
548		CAGING ELECTRONICS, GYRO		2900029-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.60
547		CSL, CAL AND TEST, SCM/PSAAM		2900895-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.188	.125	1.625	1.14
546		FIX., HAND., C/M AND LEM CDU		2900999-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.60
545	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-021		NAS-9-497	A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.158	.156	NA	NA	1.750	1.12
544		ADPT MODULE, P.S.A.		1902431-051		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.60
543	AC	PANEL, MONITOR		2900031-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.60
542	AC	BATTERY PACK, LIFTING		2900812-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.60
541	AC	FIXTURE, MOUNTING, IMU		2900010-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.14
540	AC	ADPT, TEST POINT, P.S.A.		2900037-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.60
539	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.75
538	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-031		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.75
537	AC	TEST SELECTOR		2900028-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.60
536	AC	ANALYZER, OPTICS-INERTIAL		2900023-041		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.188	.125	1.625	1.14
535	AC	CONT, TEMP, PORTABLE		2900060-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.60
534	AC	COMPUTER CONT & RETICLE DIMMER		6014512-021		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.75
533	AC	ADPT MODULE, P.S.A.		1902431-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.60
532	AC	TRAY BREAKOUT, 105 PIN		1900807-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.14
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.14
530	AC	HEAT SINK-TRAY EXTENDER		1900808-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.60
529	AC	TESTER, FAILURE INDICATOR		1900809-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.60
527	AC	FIX., MOUNTING, G & N	(-144)	1902204-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
526	AC	FIX., MOUNTING, G & N	(-144)	2900067-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
525	AC	PORTABLE TEMP. CONTROLLER		1900496-021		NAS-9-497	B	II	NOTE 11C	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718	1.14
524	AC	POWER, SERVO & THERMOCOUPLE ASSEMBLY C/M		2010743		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.60
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY-LEM		6010656		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
522	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-LEM		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
521	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-C/M		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
520	AC	PIPA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 504 VALUES BELOW											
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
517	AC	FIX., HAND., OPTICS INSTL.	(-141)	2901380-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 502 VALUES BELOW											
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY-LEM		6010655		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007013		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
513	AC	JUMPER, BY-PASS	(-141)	1021616		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.60
512	AC	COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
511	AC	COUPLING DATA UNIT ASSEMBLY-LEM	(-100)	2007322-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
510	AC	BATTERY POWER PACK	(-144)	1900011-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
509	AC	JUNCTION BOX, P.S.A./G.S.E.	(-144)	1902195-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
508	AC	NAVIGATION BASE ASSEMBLY-LEM	(-101)	6899980		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.75
507	AC	CSL, COOL. AND PWR, G AND N	(-144)	1902134-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
506	AC	BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011-011		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.60
505	AC	MONITOR AND CONTROL, TEMP	(-141)	2900026-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.60
504	AC	PWR SUP, GUIDANCE SYSTEM	(-141)	1900033-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.60
503	AC	CONTROL, GIMBAL POSITION	(-141)	2900036-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.60
502	AC	ADPT, TEST POINT, PTA/PEA,	(-141)	2900145-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858	.60
501	AC	MOUNTING PLATE, COMPONENT	(-144)	6900007-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
500	AC	MOUNTING PLATE, COMPONENT	(-144)	2900677-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.188 .184	.125	1.625	1.14

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

1004260 | DG | SHT 6

1004260

DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L
599	AC																			
598	AC																			
590		PSA ADAPTER MODULE (BLK II)		2901143-031		NAS9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 2 VALUES										
589	AC	G&N INDICATOR CONTROL PANEL ASSY		2021290-061		FOR OTHER DATA SEE DASH 181														
588	AC	G&N INDICATOR CONTROL PANEL ASSY		2021290-051		FOR OTHER DATA SEE DASH 181														
587		AUXILIARY BATTERY PACK		1901492-051		FOR OTHER DATA SEE DASH 586														
586	AC	BATTERY POWER PACK		1900011-061		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.093	.125	.625
585		ANALYZER, OPTICS INERTIAL		2900023-051		FOR OTHER DATA SEE DASH 536														
584		ETHYLENE GLYCOL CLEANING KIT		2901630-011		NAS-9-497	B	I	NOTE 11B	4.000	2.625	3.380	NA	.260	.093	.156	.130	NA	NA	2.250
583		SWITCH CROSS BAR ASSY		1900048-021		FOR OTHER DATA SEE DASH 102														
582	AC	G&N INDICATOR CONTROL PANEL ASSY		2021290-041		FOR OTHER DATA SEE DASH 181														
581	AC	G&N INDICATOR CONTROL PANEL ASSY		2021325-021		FOR OTHER DATA SEE DASH 181														
580		AUXILIARY BATTERY PACK		1901492-041		FOR OTHER DATA SEE DASH 565														
579	AC	COMPUTER CONT & RETICLE DIMMER		6014512-081		FOR OTHER DATA SEE DASH 534														
578	AC	G&N INDICATOR CONTROL PANEL ASSY		2021290-031		FOR OTHER DATA SEE DASH 181														
577		BREAKOUT BOX, CABLE ADAPTER		2901011-021		FOR OTHER DATA SEE DASH 506														
576		FIX., MOUNTING G&N		2900067-061		FOR OTHER DATA SEE DASH 500														
575		CSL, CAL AND TEST, SCM/PSAAM		2900895-041		FOR DATA SEE DASH 559														
574		CONT. TEMP. PORTABLE		2900060-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 535 VALUES										
573		BATTERY PACK LIFTING		2900812-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 542 VALUES										
572		FIX., MOUNTING G&N	(-144)	2900067-051		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES										
571		EYEPIECE STORAGE UNIT		2021382		FOR OTHER DATA SEE DASH 100														
570	AC	OPTICAL UNIT & BELLOWS ASSY				NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 550 VALUES										
569	AC	G & N INDICATOR CONTROL PANEL ASSY		2021323-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181										
568	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181										
567	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181										
566	AC	COMPUTER CONT & RETICLE DIMMER		6014512-061		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534										
565		AUXILIARY BATTERY PACK		1901492-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500										
564		BATTERY POWER PACK		1900011-051		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500										
563		PSA ADAPTER MODULE (LEM)		6900088-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES										
562	AC	COMPUTER CONT & RETICLE DIMMER		6014512-041		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534 VALUES										
561	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-031		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181 VALUES										
560		ADPT. MODULE, PSA		2901143-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES										
559		CSL, CAL AND TEST, SCM/PSAAM		2900895-031		FOR OTHER DATA SEE DASH 547														
558		PSA ADAPTER MODULE (LEM)		6900088-021		FOR OTHER DATA SEE DASH 189														
557		FIX., HANDLING, C/M PSA		2900998-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES										
556		FIX., MOUNTING G & N	(-144)	2900067-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES										
555	AC	OPTICAL UNIT ASSEMBLY		102 368-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125
554	AC	OPTICAL UNIT ASSEMBLY		1021368-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125
553	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-111		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125
552	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-081		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125
551	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-071		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125
550	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125
548		CAGING ELECTRONICS, GYRO		2900029-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858
547		CSL, CAL AND TEST, SCM/PSAAM		2900895-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.125	.125	1.625
546		FIX., HAND., C/M AND LEM CDU		2900999-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858
545	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-021		NAS-9-497	A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750
544		ADPT MODULE, P.S.A.		1902431-051		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858
543	AC	PANEL, MONITOR		2900031-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858
542	AC	BATTERY PACK, LIFTING		2900812-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858
541	AC	FIXTURE, MOUNTING, IMU		2900000-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.125	.125	1.625
540	AC	ADPT, TEST POINT, P.S.A.		2900037-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858
539	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125
538	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-031		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125
537	AC	TEST SELECTOR		2900028-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858
536	AC	ANALYZER, OPTICS-INERTIAL		2900023-041		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.125	.125	1.625
535	AC	CONT, TEMP, PORTABLE		2900060-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858
534	AC	COMPUTER CONT & RETICLE DIMMER		6014512-021		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125
533	AC	ADPT MODULE, P.S.A.		1902431-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858
532	AC	TRAY BREAKOUT, 105 PIN		1900807-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.125	.125	1.625
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.125	.125	1.625
530	AC	HEAT SINK-TRAY EXTENDER		1900808-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858
529	AC	TESTER, FAILURE INDICATOR		1900809-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858
527	AC	FIX., MOUNTING, G & N	(-144)	1902204-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW										
526	AC	FIX., MOUNTING, G & N	(-144)	2900067-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW										
525	AC	PORTABLE TEMP. CONTROLLER		1900496-021		NAS-9-497	B	II	NOTE 11C	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.156	.125	1.718
524	AC	POWER, SERVO & THERMOCOUPLE ASSEMBLY C/M		2010743		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY-LEM		6010656		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
522	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-LEM		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
521	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-C/M		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
520	AC	PIPA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 504 VALUES BELOW										
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW										
517	AC	FIX., HAND., OPTICS INSTL.	(-141)	2901380-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 502 VALUES BELOW										
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY-LEM		6010655		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6^07u13		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
513	AC	JUMPER, BY-PASS	(-141)	10^^^^		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858
512	AC	COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
511	AC	COUPLING DATA UNIT ASSEMBLY-LEM	(-100)	2007322-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
510	AC	BATTERY POWER PACK	(-144)	1900011-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW										
509	AC	JUNCTION BOX, P.S.A./G.S.E.	(-144)	1902195-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW										
508	AC	NAVIGATION BASE ASSEMBLY-LEM	(-101)	6899980		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125
507	AC	CSL, COOL, AND PWR, & AND M	(-144)	1902134-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW										
506	AC	BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011-011		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858
505	AC	MONITOR AND CONTROL, TEMP	(-141)	2900026-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858
504	AC	PWR SUP, GUIDANCE SYSTEM	(-141)	1900033-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858
503	AC	CONTROL, GIMBAL POSITION	(-141)	2900036-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858
502	AC	ADPT, TEST POINT, PTA/PEA,	(-141)	2900145-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	.093	.093	.858
501	AC	MOUNTING PLATE, COMPONENT	(-144)	6900007-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW										
500	AC	MOUNTING PLATE, COMPONENT	(-144)	2900677-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.125	.125	1.625

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

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DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M
599	AC																				
598	AC																				
592	AC	CSL, COOL & PWR, G&N		1902134-041			B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES											
591	AC	COOLANT SUPPLY		1902135-031			B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES											
590		PSA ADAPTER MODULE (BLK II)		2901143-031		NAS9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES											
589	AC	G&N INDICATOR CONTROL PANEL ASSY		2021290-071			FOR OTHER DATA SEE DASH 181														
588	AC	G&N INDICATOR CONTROL PANEL ASSY		2021290-051			FOR OTHER DATA SEE DASH 181														
587		AUXILIARY BATTERY PACK		1901492-051			FOR OTHER DATA SEE DASH 586														
586	AC	BATTERY POWER PACK		1900011-061			NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.188	.125	1.625	1.140	.8
585		ANALYZER, OPTICS INERTIAL		2900023-051			FOR OTHER DATA SEE DASH 536														
584		ETHYLENE GLYCOL CLEANING KIT		2901630-011			NAS-9-497	B	I	NOTE 11B	4.000	2.625	3.380	NA	.260	.095	.156	.160	NA	NA	2.250	.440	1.5
583		SWITCH CROSS BAR ASSY		1900048-021			FOR OTHER DATA SEE DASH 102														
582	AC	G&N INDICATOR CONTROL PANEL ASSY		2021290-041			FOR OTHER DATA SEE DASH 181														
581	AC	G&N INDICATOR CONTROL PANEL ASSY		2021323-021			FOR OTHER DATA SEE DASH 181														
580		AUXILIARY BATTERY PACK		1901492-041			FOR OTHER DATA SEE DASH 565														
579	AC	COMPUTER CONT & RETICLE DIMMER		6014512-081			FOR OTHER DATA SEE DASH 534														
578	AC	G&N INDICATOR CONTROL PANEL ASSY		2021290-031			FOR OTHER DATA SEE DASH 181														
577		BREAKOUT BOX, CABLE ADAPTER		2901011-021			FOR OTHER DATA SEE DASH 506														
576		FIX., MOUNTING G&N		2900067-061			FOR OTHER DATA SEE DASH 500														
575		CSL, CAL AND TEST, SCM/PSAAM		2900895-041			FOR DATA SEE DASH 559														
574		CONT., TEMP PORTABLE		2900060-031			NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 535 VALUES										
573		BATTERY PACK LIFTING		2900812-031			NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 542 VALUES										
572		FIX., MOUNTING G&N	(-144)	2900067-081			NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES										
571		EYEPIECE STORAGE UNIT		2021382			FOR OTHER DATA SEE DASH 100														
570	AC	OPTICAL UNIT & BELLOWS ASSY					NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 550 VALUES										
569	AC	G & N INDICATOR CONTROL PANEL ASSY		2021323-011			NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181										
568	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290-021			NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181										
567	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290-011			NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181										
566	AC	COMPUTER CONT & RETICLE DIMMER		6014512-061			NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534										
565		AUXILIARY BATTERY PACK		1901492-031			NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500										
564		BATTERY POWER PACK		1900011-051			NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500										
563		PSA ADAPTER MODULE (LEM)		6900088-031			NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES										
562	AC	COMPUTER CONT & RETICLE DIMMER		6014512-041			NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534 VALUES										
561	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-021			NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181 VALUES										
560		ADPT. MODULE, PSA		2901143-021			NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES										
559		CSL, CAL AND TEST, SCM/PSAAM		2900895-031			FOR OTHER DATA SEE DASH 547														
558		PSA ADAPTER MODULE (LEM)		6900088-021			FOR OTHER DATA SEE DASH 189														
557		FIX., HANDLING, C/M PSA		2900998-021			NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES										
556		FIX., MOUNTING G & N	(-144)	2900067-041			NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES										
555	AC	OPTICAL UNIT ASSEMBLY		1021366-061			NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.5
554	AC	OPTICAL UNIT ASSEMBLY		1021368-041			NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.5
553	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-111			NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.5
552	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-081			NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.5
551	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-071			NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.5
550	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-061			NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.5
548		CAGING ELECTRONICS, GYRO		2900029-031			NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	MA	.093	.858	.608	.4
547		CSL, CAL AND TEST, SCM/PSAAM		2900895-021			NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.8
546		FIX., HAND., C/M AND LEM CDU		2900999-021			NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	MA	.093	.858	.608	.4
545	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-021			NAS-9-497	A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.125	.8
544		ADPT MODULE, P.S.A.		1902431-051			NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	MA	.093	.858	.608	.4
543	AC	PANEL, MONITOR		2900031-041			NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
542	AC	BATTERY PACK, LIFTING		2900812-021			NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
541	AC	FIXTURE, MOUNTING, IMU		2900000-021			NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.8
540	AC	ADPT. TEST POINT, P.S.A.		2900[illegible]-031			NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	MA	.093	.858	.608	.4
539	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-041			NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.5
538	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-031			NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.5
537	AC	TEST SELECTOR		2900028-031			NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
536	AC	ANALYZER, OPTICS-INERTIAL		2900023-041			NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.8
535	AC	CONT, TEMP, PORTABLE		2900060-021			NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
534	AC	COMPUTER CONT & RETICLE DIMMER		6014512-021			NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.5
533	AC	ADPT MODULE, P.S.A.		1902431-041			NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
532	AC	TRAY BREAKOUT, 105 PIN		1900807-021			NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.8
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021			NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.8
530	AC	HEAT SINK-TRAY EXTENDER		1900808-021			NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
529	AC	TESTER, FAILURE INDICATOR		1900809-021			NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
527	AC	FIX., MOUNTING, G & N	(-144)	1902204-021			NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW										
526	AC	FIX., MOUNTING, G & N	(-144)	2900067-031			NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW										
525	AC	PORTABLE TEMP. CONTROLLER		1900496-021			NAS-9-497	B	II	NOTE 11C	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718	1.187	.8
524	AC	POWER, SERVO & THERMOCOUPLE ASSEMBLY C/M		2010743			NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.608	.4
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY-LEM		6010656			NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
522	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-LEM		2010744			NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
521	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-C/M		2010744			NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
520	AC	PIPA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745			NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011			NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 504 VALUES BELOW										
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031			NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW										
517	AC	FIX., HAND., OPTICS INSTL.	(-141)	2901380-011			NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 502 VALUES BELOW										
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY-LEM		6010655			NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
514	AC	SIGNAL COND, ASSY LEM OPER.	(-100)	6007013			NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
513	AC	JUMPER, BY-PASS	(-141)	1021616			NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	MA	.093	.858	.608	.4
512	AC	COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322-011			NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
511	AC	COUPLING DATA UNIT ASSEMBLY-LEM	(-100)	2007322-021			NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW										
510	AC	BATTERY POWER PACK	(-144)	1900011-041			NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW										
509	AC	JUNCTION BOX, P.S.A./G.S.E.	(-144)	1902195-021			NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW										
508	AC	NAVIGATION BASE ASSEMBLY-LEM	(-101)	6899980			NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.750	.5
507	AC	CSL, COOL, AND PWR, G AND N	(-144)	1902134-041			NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW										
506	AC	BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011-011			NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093	MA	.093	.858	.608	.4
505	AC	MONITOR AND CONTROL, TEMP	(-141)	2900026-021			NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
504	AC	PWR SUP, GUIDANCE SYSTEM	(-141)	1900033-021			NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
503	AC	CONTROL, GIMBAL POSITION	(-141)	2900036-021			NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
502	AC	ADPT. TEST POINT, PTA/PEA,	(-141)	2900145-021			NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.608	.4
501	AC	MOUNTING PLATE, COMPONENT	(-144)	6900007-031			NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW										
500	AC	MOUNTING PLATE, COMPONENT	(-144)	2900677-021			NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.140	.8

NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

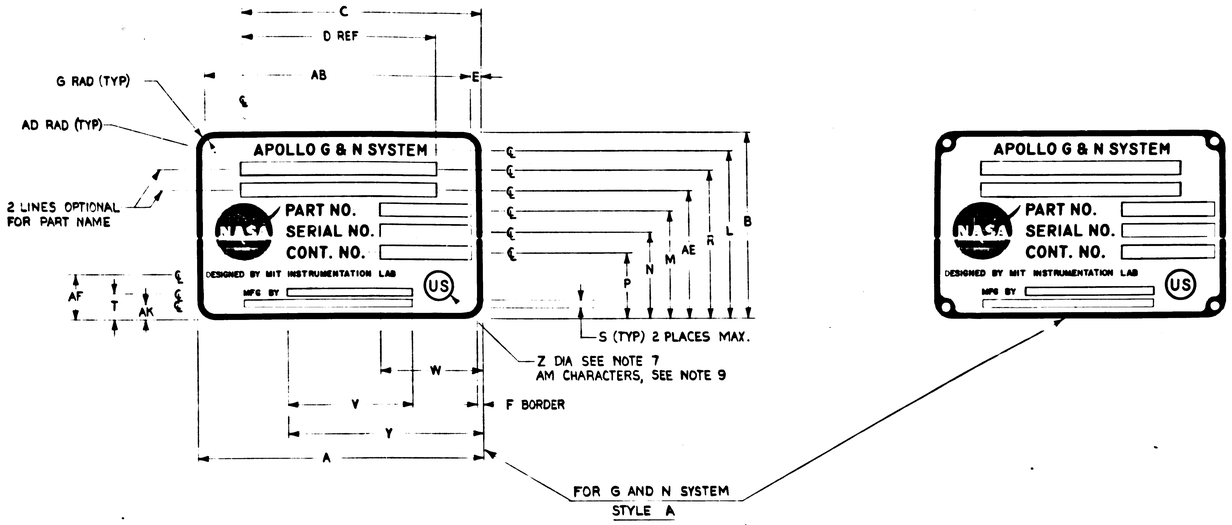
DASH NO.	P/C	PART NAME	REMARKS	PART NUMBER	SER. NO.	CONT. NO.	STYLE	TYPE	MATERIAL	A	B	C	D	E	F	G	H	J	K	L	M
599	AC																				
598	AC																				
593		PSA ADAPTER MODULE (LEM)		6900088-041		NAS9-497	B	II	NOTE 11C FOR DIMENSIONS SEE DASH 6 VALUES												
592	AC	CSL COOL & PWR, G&N		1902134-041			B	II	NOTE 11C FOR DIMENSIONS SEE DASH 586 VALUES												
591	AC	COOLANT SUPPLY		1902133-031			B	II	NOTE 11C FOR DIMENSIONS SEE DASH 586 VALUES												
590		PSA ADAPTER MODULE (BLK II)		2901143-031		NAS9-497	B	II	NOTE 11C FOR DIMENSIONS SEE DASH 6 VALUES												
589	AC	G&N INDICATOR CONTROL PANEL ASSY		2021290-061		FOR OTHER DATA SEE DASH 181															
588	AC	G&N INDICATOR CONTROL PANEL ASSY		2021290-051		FOR OTHER DATA SEE DASH 181															
587		AUXILIARY BATTERY PACK		1901492-051		FOR OTHER DATA SEE DASH 586															
586	AC	BATTERY POWER PACK		1900011-061		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156	.188	.125	1.625	1.4
585		ANALYZER, OPTICS INERTIAL		2900023-051		FOR OTHER DATA SEE DASH 536															
584		SWITCH, FLUID CLEANING DIP		2901490-011		NAS-9-497	B	I	NOTE 11B	4.000	2.625	3.380	NA	.260	.093	.156	.160	NA	NA	2.250	1.44
583		SWITCH CROSS BAR ASSY		1900048-021		FOR OTHER DATA SEE DASH 102															
582	AC	G&N INDICATOR CONTROL PANEL ASSY		2021290-041		FOR OTHER DATA SEE DASH 181															
581	AC	G&N INDICATOR CONTROL PANEL ASSY		2021323-021		FOR OTHER DATA SEE DASH 181															
580		AUXILIARY BATTERY PACK		1901492-041		FOR OTHER DATA SEE DASH 565															
579	AC	COMPUTER CONT & RETICLE DIMMER		6014512-081		FOR OTHER DATA SEE DASH 334															
578	AC	G&N INDICATOR CONTROL PANEL ASSY		2021290-031		FOR OTHER DATA SEE DASH 181															
577		BREAKOUT BOX, CABLE ADAPTER		2901011-021		FOR OTHER DATA SEE DASH 506															
576		FIX, MOUNTING G&N		2900067-061		FOR OTHER DATA SEE DASH 500															
575		CSL, CAL AND TEST, SCM/PSAAM		2900895-041		FOR DATA SEE DASH 559															
574		CONT, TEMP PORTABLE		2900060-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 535 VALUES											
573		BATTERY PACK LIFTING		2900812-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 542 VALUES											
572		FIX., MOUNTING G&N	(-144)	2900067-061		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES											
571		EYEPIECE STORAGE UNIT		2021382		FOR OTHER DATA SEE DASH 100															
570	AC	OPTICAL UNIT & BELLOWS ASSY				NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 550 VALUES											
569	AC	G & N INDICATOR CONTROL PANEL ASSY		2021323-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181											
568	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181											
567	AC	G & N INDICATOR CONTROL PANEL ASSY		2021290-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181											
566	AC	COMPUTER CONT & RETICLE DIMMER		6014512-061		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534											
565		AUXILIARY BATTERY PACK		1901492-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500											
564		BATTERY POWER PACK		1900011-051		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500											
563		PSA ADAPTER MODULE (LEM)		6900088-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES											
562	AC	COMPUTER CONT & RETICLE DIMMER		6014512-041		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 534 VALUES											
561	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-031		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 181 VALUES											
560		ADPT. MODULE, PSA		2901143-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES											
559		CSL, CAL AND TEST, SCM/PSAAM		2900895-031		FOR OTHER DATA SEE DASH 547															
558		PSA ADAPTER MODULE (LEM)		6900088-021		FOR OTHER DATA SEE DASH 189															
557		FIX., HANDLING, CM PSA		2900868-071		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 141 VALUES											
556		FIX., MOUNTING G & N	(-144)	2900067-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES											
555	AC	OPTICAL UNIT ASSEMBLY		1021368-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.7
554	AC	OPTICAL UNIT ASSEMBLY		1021369-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.7
553	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-11		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.7
552	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-081		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.7
551	AC	OPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-071		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.7
550	AC	UPTICAL UNIT AND BELLOWS ASSEMBLY		2010790-061		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.687	1.375	.078	.048	.078	.093	NA	NA	1.125	.7
548		CAGING ELECTRONICS, GYRO		2900029-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.6
547		CSL, CAL AND TEST, SCM/PSAAM		2900895-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.1
546		FIX., HAND., C/M AND LEM CDU		2900999-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.6
545	AC	G & N INDICATOR CONTROL PANEL ASSY		2014578-021		NAS-9-497	A	I	NOTE 11B	3.000	1.938	2.437	NA	.125	.062	.188	.156	NA	NA	1.750	1.1
544		ADPT MODULE, P.S.A.		1902431-051		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.6
543	AC	PANEL, MONITOR		2900031-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.6
542	AC	BATTERY PACK, LIFTING		2900812-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.6
541	AC	FIXTURE, MOUNTING, IMU		2900000-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.1
540	AC	ADPT, TEST POINT, P.S.A.		2900037-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.6
539	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-041		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.7
538	AC	ANNUNCIATOR PANEL & EYEPIECE STORAGE ASSEMBLY		1021255-031		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.7
537	AC	TEST SELECTOR		2900028-031		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.6
536	AC	ANALYZER, OPTICS-INERTIAL		2900023-041		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.1
535	AC	CONT, TEMP, PORTABLE		2900060-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.6
534	AC	COMPUTER CONT & RETICLE DIMMER		6014512-021		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.7
533	AC	ADPT MODULE, P.S.A.		1902431-041		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.6
532	AC	TRAY BREAKOUT, 105 PIN		1900807-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.1
531	AC	TRAY BREAKOUT, 84 PIN		1900806-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.1
530	AC	HEAT SINK-TRAY EXTENDER		1900808-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.6
529	AC	TESTER, FAILURE INDICATOR		1900809-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.6
527	AC	FIX., MOUNTING, G & N	(-144)	1902204-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
526	AC	FIX., MOUNTING, G & N	(-144)	2900067-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
525	AC	PORTABLE TEMP. CONTROLLER		1900496-021		NAS-9-497	B	II	NOTE 11C	3.000	1.937	2.437	2.312	.125	.031	.125	.156	.125	.125	1.718	1.187
524	AC	POWER, SERVO & THERMOCOUPLE ASSEMBLY C/M		2010743		NAS-9-497	A	I	NOTE 11B	2.125	.968	1.718	NA	.093	.031	.06	.093	NA	NA	.858	.6
523	AC	PULSE TORQUE AND THERMOCOUPLE ASSEMBLY-LEM		6010656		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
522	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-LEM		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
521	AC	COUPLING DATA UNIT & THERMOCOUPLE ASSEMBLY-C/M		2010744		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
520	AC	PTPA ELECTRONICS AND THERMOCOUPLE ASSEMBLY		2010745		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
519	AC	FIXTURE, HANDLING, LEM-PSA	(-141)	6900129-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 504 VALUES BELOW											
518	AC	JUNCTION BOX, GSE-PSA	(-144)	1901933-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
517	AC	FIX., HAND., OPTICS INSTL.	(-141)	2901380-011		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 502 VALUES BELOW											
516	AC	POWER, SERVO AND THERMOCOUPLE ASSEMBLY-LEM		6010655		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
514	AC	SIGNAL COND. ASSY LEM OPER.	(-100)	6007013		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
513	AC	JUMPER, BY-PASS	(-141)	1021616		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.6
512	AC	COUPLING DATA UNIT ASSEMBLY C/M	(-100)	2007322-011		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
511	AC	COUPLING DATA UNIT ASSEMBLY-LEM	(-100)	2007322-021		NAS-9-497	A	I	NOTE 11B	FOR DIMENSIONS SEE DASH 508 VALUES BELOW											
510	AC	BATTERY POWER PACK	(-144)	1900011-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
509	AC	JUNCTION BOX, P.S.A./G.S.E.	(-144)	1902195-021		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
508	AC	NAVIGATION BASE ASSEMBLY-LEM	(-101)	6899980		NAS-9-497	A	I	NOTE 11B	2.000	1.312	1.906	1.375	.078	.048	.078	.093	NA	NA	1.125	.7
507	AC	CSL, COOL, AND PWR, G AND N	(-144)	1902134-041		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
506	AC	BREAKOUT BOX, CABLE ADAPTER	(-141)	2901011-011		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.6
505	AC	MONITOR AND CONTROL, TEMP	(-141)	2900026-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.6
504	AC	PWR SUP. GUIDANCE SYSTEM	(-141)	1900033-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.6
503	AC	CONTROL, GIMBAL POSITION	(-141)	2900036-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.6
502	AC	ADPT, TEST POINT, PTA/PEA,	(-141)	2900145-021		NAS-9-497	B	II	NOTE 11C	2.125	.968	1.718	NA	.093	.031	.06	.093		.093	.858	.6
501	AC	MOUNTING PLATE, COMPONENT	(-144)	6900007-031		NAS-9-497	B	II	NOTE 11C	FOR DIMENSIONS SEE DASH 500 VALUES BELOW											
500	AC	MOUNTING PLATE, COMPONENT	(-144)	2900677-021		NAS-9-497	B	II	NOTE 11C	4.125	1.812	3.250	NA	.125	.062	.12	.156		.125	1.625	1.1

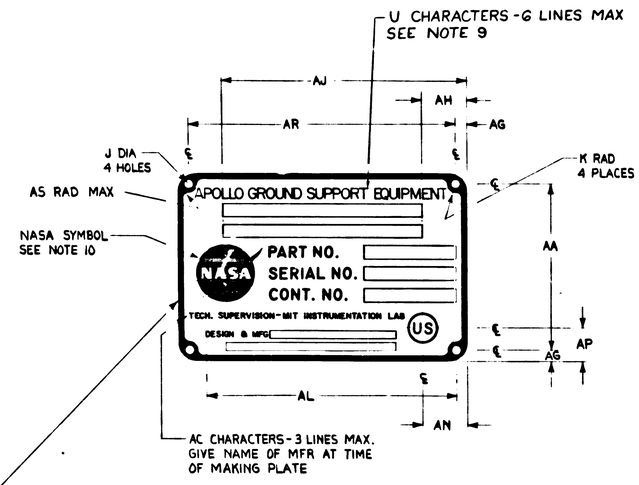
NOTES FOR TABLE
STYLE A IS FOR G & N SYSTEM
STYLE B IS FOR GROUND SUPPORT EQUIPMENT
TYPE I IS WITHOUT MOUNTING HOLES
TYPE II IS WITH MOUNTING HOLES

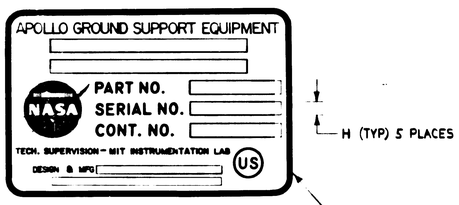
1004260 DK SHT 6

1004260

REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV'D WITHOUT CHANGE PER TDRR 34365		7/28/67	JWL







FOR GROUND SUPPORT EQUIPMENT
STYLE B

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± 3 PLACE DECIMALS ± DECIMALS ± ANGLES ± .005 ±	MIT INSTRUMENTATION LAB	MANNED SPACECRAFT CENTER HOUSTON, TEXAS	
			R. A. JONES DRAWN 16 JUL 65	NAMEPLATES, APOLLO G&N - GSE (STANDARDS)	
			W. KUPFER CHECKED 22 JUL 65		
		DO NOT SCALE THIS DRAWING	W. KUPFER APPROVAL	CONTRACT	
AS APPLICABLE		MATERIAL SEE NOTE 11	T. MICHAELS NASA APPROVAL 22 JUL 65	SIZE J2	CODE IDENT NO. 80230
NEXT ASSY	USED ON		W. KUPFER MIT APPROVAL 22 JUL 65	1004260	
APPLICATION		APPROVAL		SCALE NONE	SHEET 1 OF 6

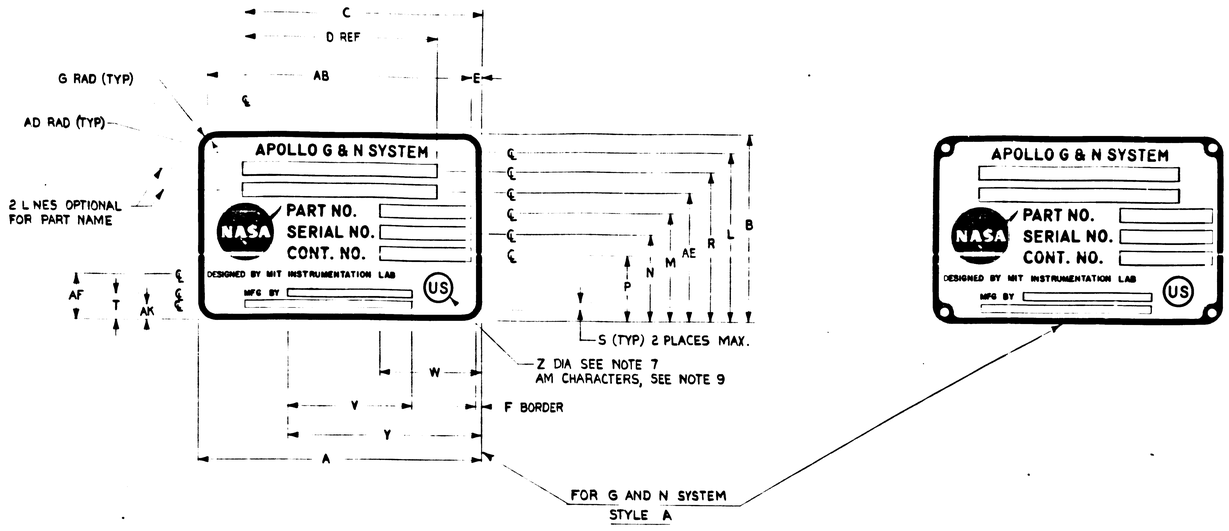
1004260 CL SHT 1

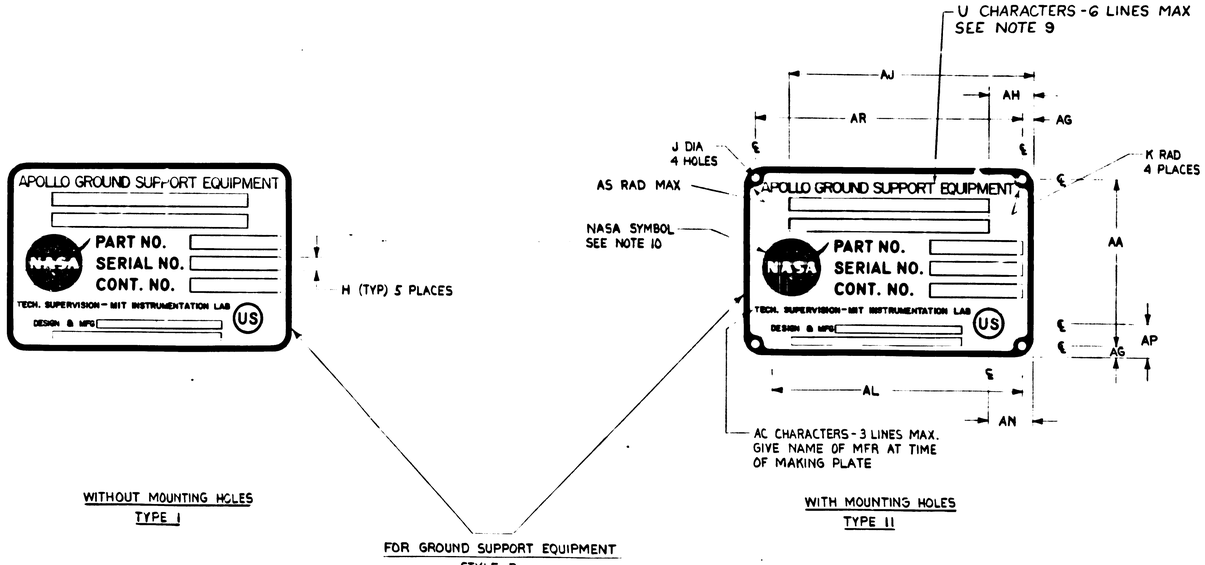
1004260 CL D C 1004260 B A

08S40011 REV 1 73142

2/1 004260

REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV'S WITHOUT CHANGE PER TORR 3436		2 DEC 67	JWL
CM		REVISION STATUS CHANGED		18 OCT 67	RAW





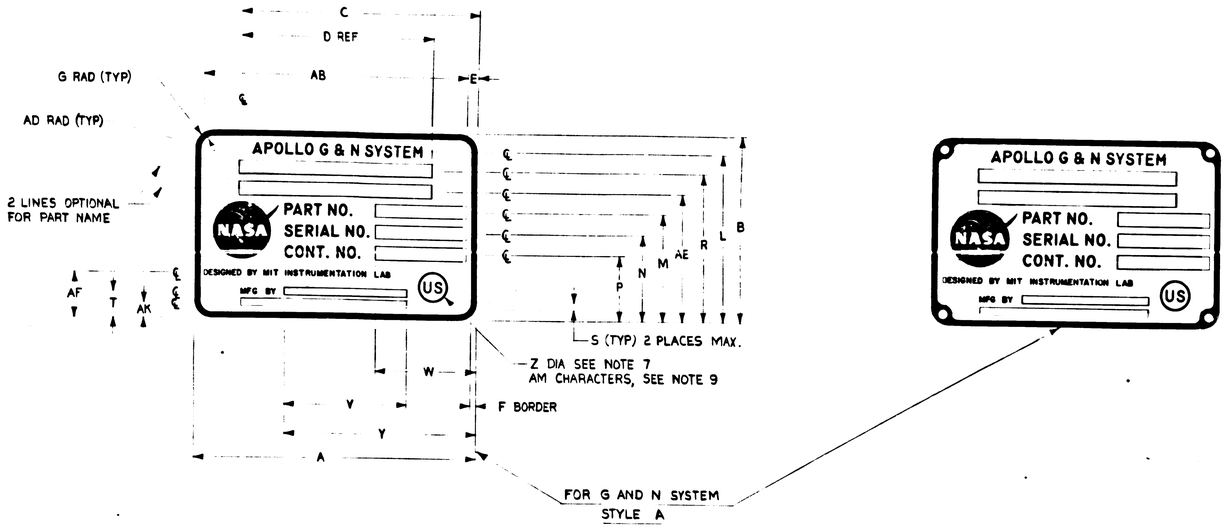
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± 3 PLACE ± DECIMALS ± DECIMALS ± ANGLES ± .005 ±	MIT INSTRUMENTATION LAB	MANNED SPACECRAFT CENTER HOUSTON, TEXAS	
DO NOT SCALE THIS DRAWING	DRAWN R A JONES 16 JUL 65	NAMEPLATES, APOLLO G&N - GSE (STANDARDS)	
MATERIAL SEE NOTE 11	CHECKED W KUPPER 22 JUL 65		
AS APPLICABLE NEXT ASSY USED ON APPLICATION	APPROVAL CONTRACT		
	T MICHAELS 22 JUL 65 NASA APPROVAL	SIZE J2	CODE IDENT NO. 80230
	W KUPPER 22 JUL 65 MIT APPROVAL	SCALE NONE	1004260 SHEET 1 OF 6

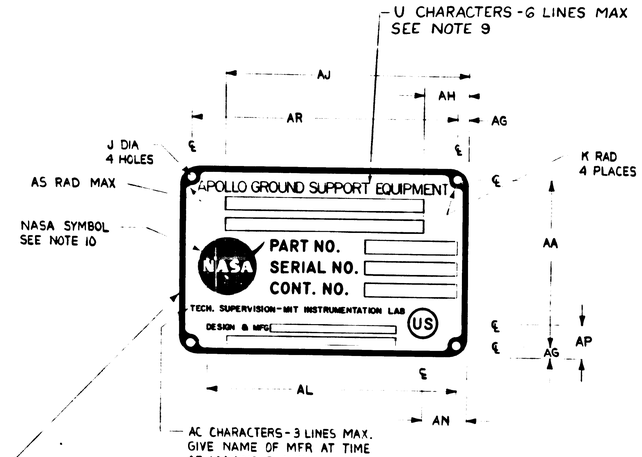
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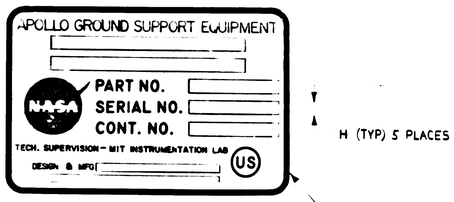
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2-1004260

REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV. C WITHOUT CHANGE PER TORR 34365		7 DEC 67	JWK RWM
CM		REVISION STATUS CHANGED		18 OCT 67	RAW
CN		REVISION STATUS CHANGED		31 OCT 67	JRK







FOR GROUND SUPPORT EQUIPMENT
STYLE B

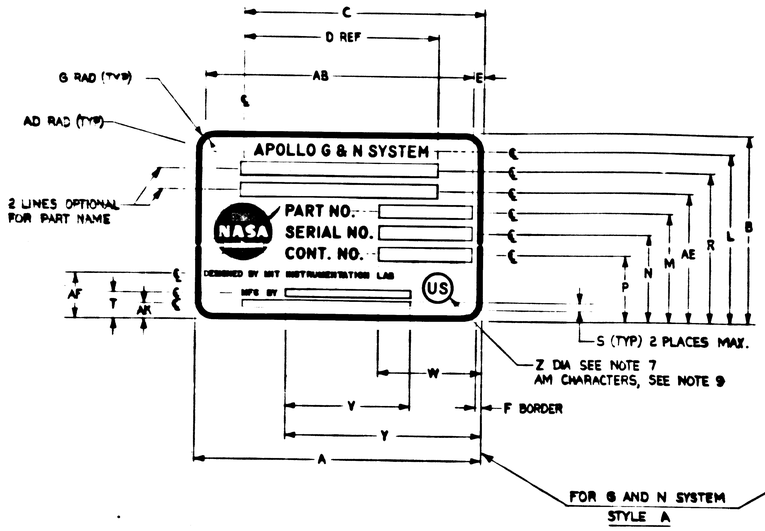
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE 3 PLACE DECIMALS DECIMALS ANGLES ± ± .005 ± ±	INSTRUMENTATION LAB	MANNED SPACECRAFT CENTER HOUSTON, TEXAS
DO NOT SCALE THIS DRAWING	DRAWN R. A. JONES 16 JUL 65	NAMEPLATES, APOLLO G&N - GSE (STANDARDS)
MATERIAL SEE NOTE 11	CHECKED W. KUPPER 22 JUL 65	
AS APPLICABLE NEXT ASSY USED ON APPLICATION	APPROVAL CONTRACT	
	T. MICHAELS 22 JUL 65 NASA APPROVAL	SIZE J2 CODE IDENT NO 80230 — 1004260
	W. KUPPER 22 JUL 65 MIT APPROVAL	SCALE NONE SHEET 1 OF 6

1004260 CN SHT 1

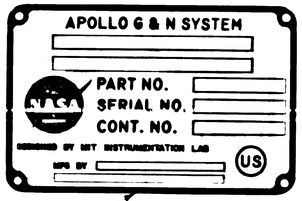
1004260 C 1004260 B

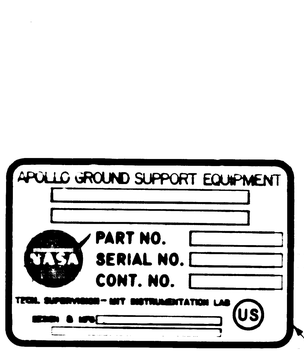
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27/1004260

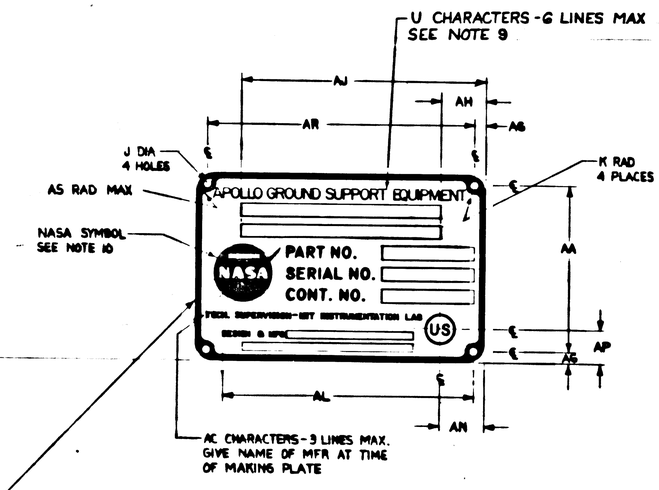


FOR G AND N SYSTEM
STYLE A





WITHOUT MOUNTING HOLES
TYPE I



WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

REVISIONS

SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDAR 34365		7 MAR 67	J Hall
CM		REVISION STATUS CHANGED		18 OCT 67	RAW
CN		REVISION STATUS CHANGED		31 OCT 67	WAK
CP		REVISION STATUS CHANGED		8 NOV 67	WAK

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
2 PLACE ± .005
3 PLACE DECIMALS ± .005
ANGLES ± —
DO NOT SCALE THIS DRAWING
MATERIAL SEE NOTE 11
FINISH
NEXT ASSY
APPLICATION
DRAWN B. A. JONES 6 JUL 65
CHECKED W. RUPPER 22 JUL 65
CONTRACT
T. MICHAELS 22 JUL 65
NASA APPROVAL
W. RUPPER 22 JUL 65
MIT APPROVAL

MIT INSTRUMENTATION LAB
Cambridge, Mass.

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

NAMEPLATES, APOLLO G&N - GSE (STANDARDS)

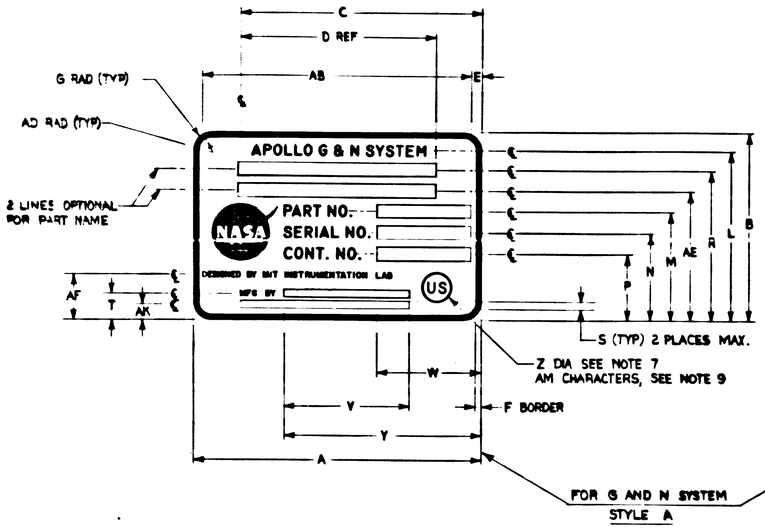
SIZE J2 | CODE IDENT NO. 80230 | 1004260

SCALE NONE | SHEET 1 OF 6

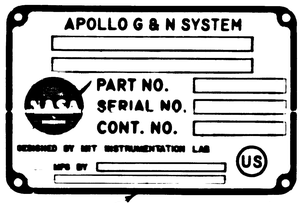
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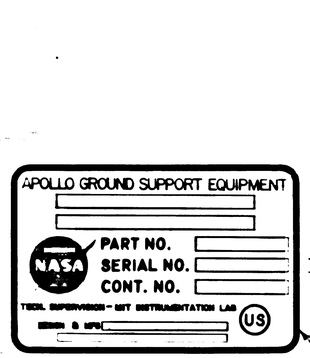
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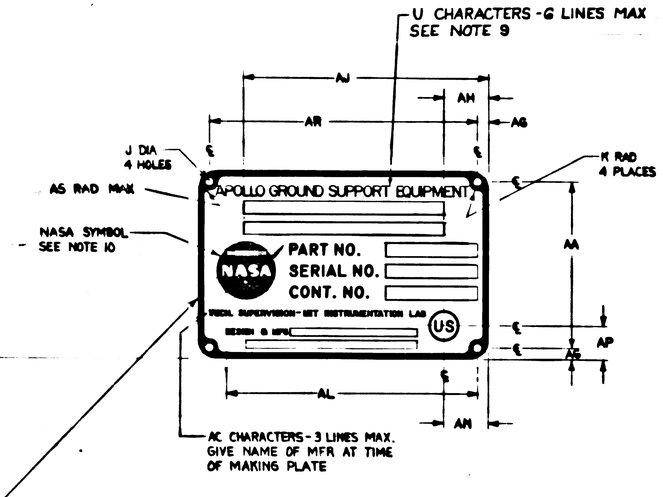


FOR G AND N SYSTEM
STYLE A





WITHOUT MOUNTING HOLES
TYPE I



WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDRR 34565		7 DEC 67	JWK
CM		REVISION STATUS CHANGED		18 OCT 67	RAM
CN		REVISION STATUS CHANGED		9 OCT 67	JWK
CP		REVISION STATUS CHANGED		2 OCT 67	
CR		REVISION STATUS CHANGED		7 FEB 68	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± .010, 3 PLACE DECIMALS ± .005, ANGLES ± 1°	MIT INSTRUMENTATION LAB	MANNED SPACECRAFT CENTER HOUSTON, TEXAS
DO NOT SCALE THIS DRAWING	R. A. JONES 15 JUL 65 DRAWN	NAMEPLATES, APOLLO G&N - GSE (STANDARDS)
MATERIAL SEE NOTE 11	CHECKED W. RUPPER 22 JUL 65 APPROVAL	
NEXT ASSY / USED ON	CONTRACT	
APPLICATION	T. MICHAELS 22 JUL 65 NASA APPROVAL	SIZE J2 CODE IDENT NO. 80230 1004260
	W. RUPPER 22 JUL 65 MIT APPROVAL	SCALE NONE SHEET 1 OF 6

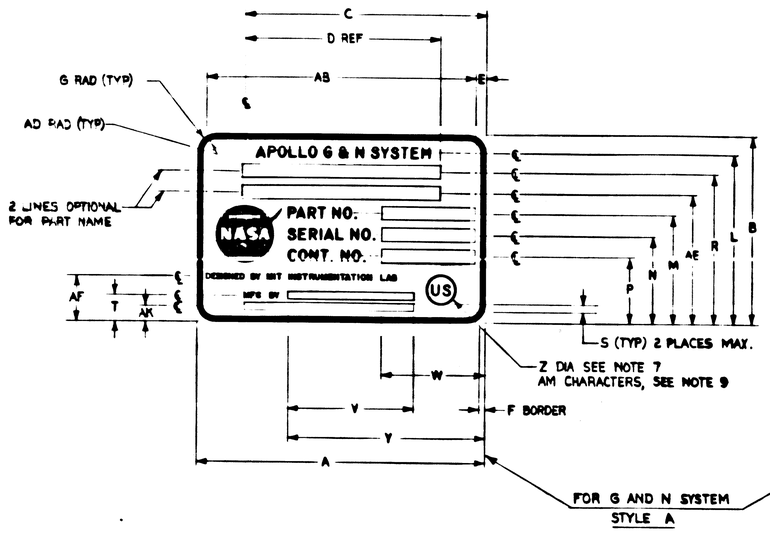
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1004260 C 1004260 B 1004260 A

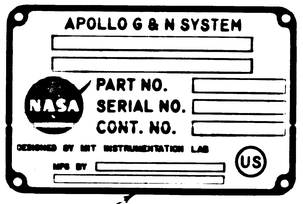
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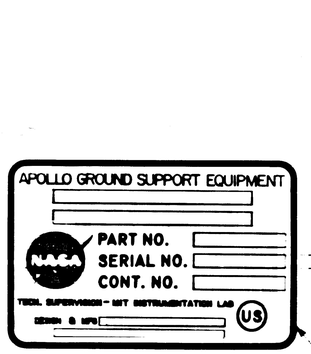
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REVISIONS					
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CN		REVISION STATUS CHANGED		31 OCT 67	JWK
CP		REVISION STATUS CHANGED		4 JAN 68	JWK
CR		REVISION STATUS CHANGED		7 MAY 68	JWK
CS		REVISION STATUS CHANGED		3 JUN 68	RWH

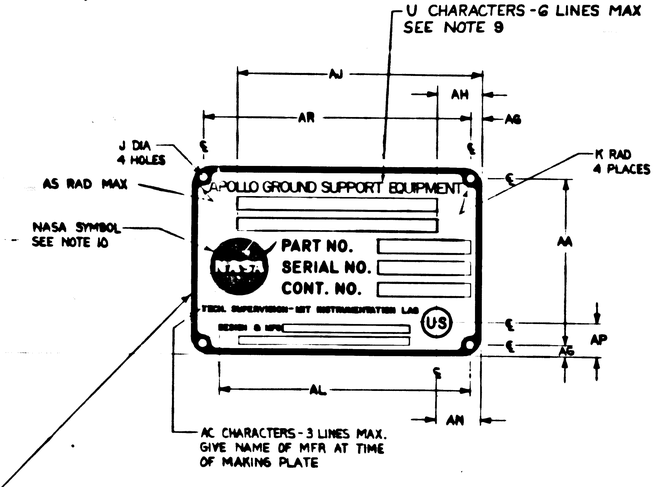


FOR G AND N SYSTEM
STYLE A





WITHOUT MOUNTING HOLES
TYPE I



WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

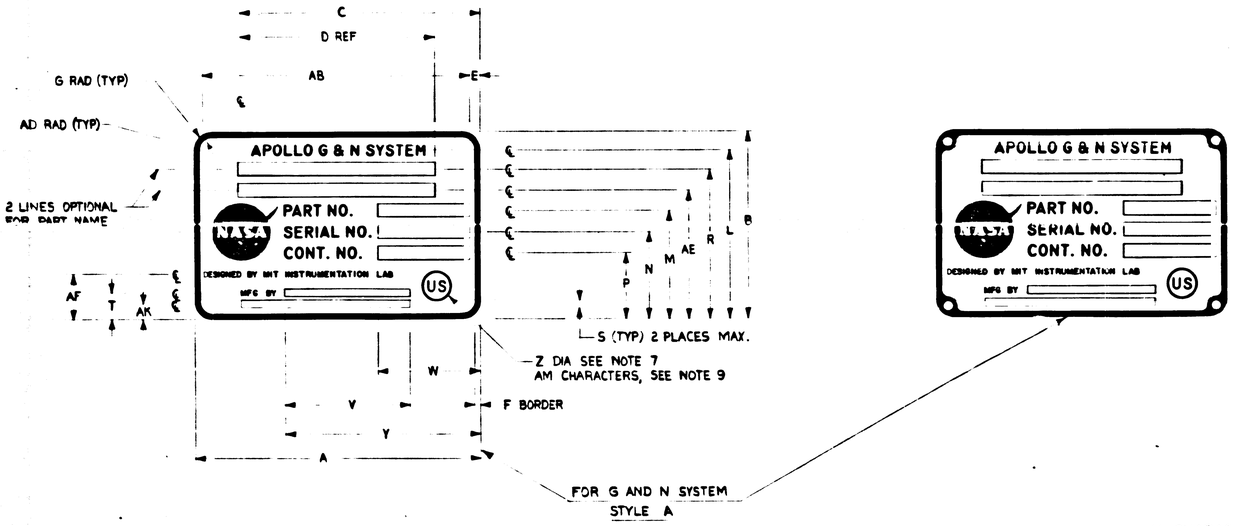
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: 2 PLACE DECIMALS ± .03 / 3 PLACE DECIMALS ± .005 / ANGLES ± —	MIT INSTRUMENTATION LAB Cambridge, Mass.	MANNED SPACECRAFT CENTER HOUSTON, TEXAS	
DO NOT SCALE THIS DRAWING	DRAWN R.A. JONES 5 JUL 65	NAMEPLATES, APOLLO G&N - GSE (STANDARDS)	
MATERIAL SEE NOTE 11	CHECKED T. KUPFER 22 JUL 65	CONTRACT	
NEXT ASSY	APPROVAL T. MICHAELS 22 JUL 65	SIZE J2	CODE IDENT NO. 80230
APPLICATION	NASA APPROVAL W. RUPFER 22 JUL 65	SCALE NONE	1004260
	MIT APPROVAL		SHEET 1 OF 6

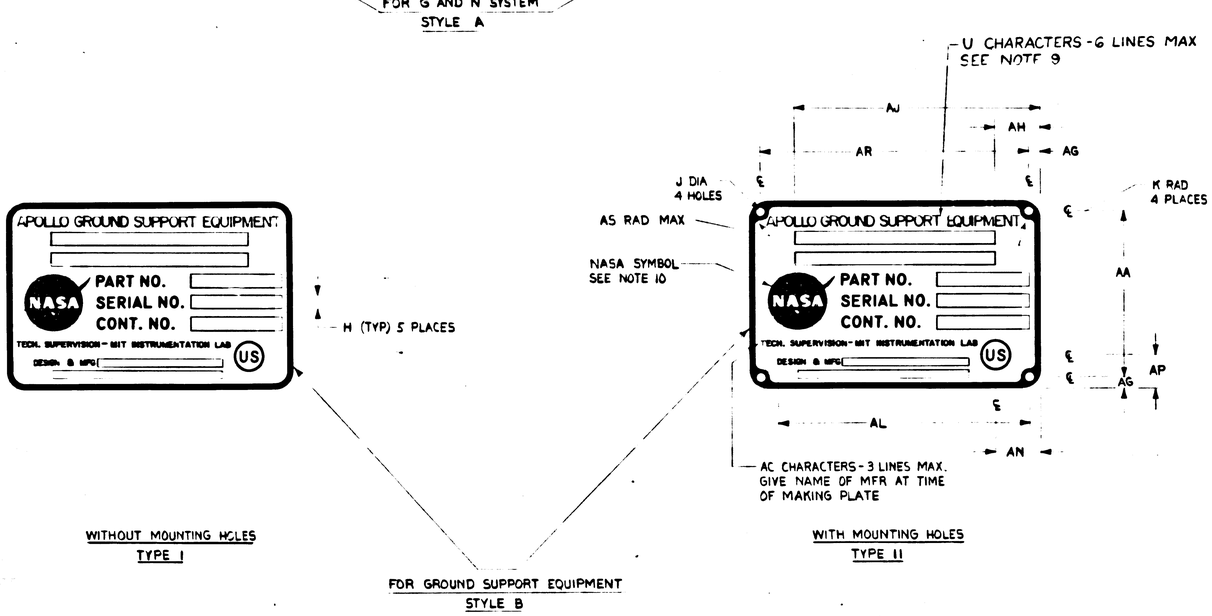
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REVISIONS						
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CN		REVISION STATUS CHANGED		31 OCT 67	JBK
CP		REVISION STATUS CHANGED		6 NOV 67	JWH
CR		REVISION STATUS CHANGED		7 DEC 67	JWH
CS		REVISION STATUS CHANGED		15 DEC 67	JWH
CT		REVISION STATUS CHANGED		12 JAN 68	RWW





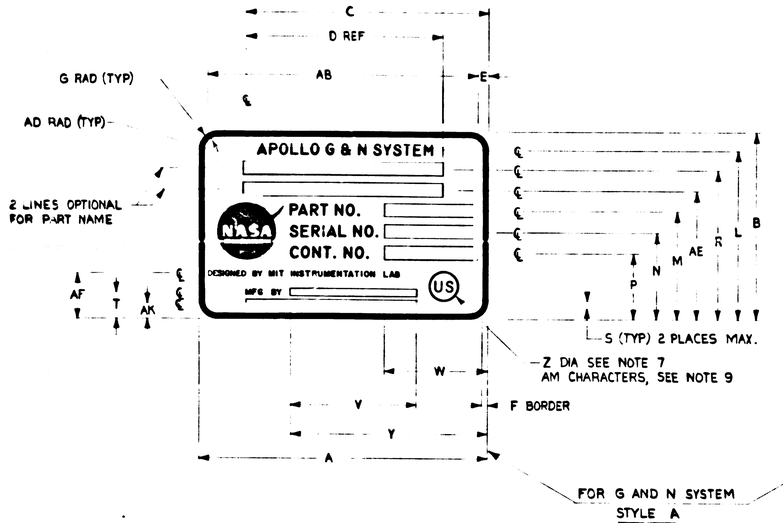
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± 3 PLACE DECIMALS ± DECIMALS ± ANGLES ± .005 ± DO NOT SCALE THIS DRAWING	INSTRUMENTATION LAB	MANNED SPACECRAFT CENTER HOUSTON, TEXAS
	R. A. JONES 16 JUL 65 DRAWN DATE	NAMEPLATES, APOLLO GEN - GSE (STANDARDS)
	W. RUPPER 22 JUL 65 CHECKED APPROVAL	
AS APPLICABLE NEXT ASSY USED ON APPLICATION	MATERIAL SEE NOTE 11	CONTRACT
	T. MICHAELS 22 JUL 65 NASA APPROVAL	SIZE J2 CODE IDENT NO 80230 1004260
	W. RUPPER 22 JUL 65 MIT APPROVAL	SCALE NONE SHEET 1 OF 6

1004260 CT SHT 1

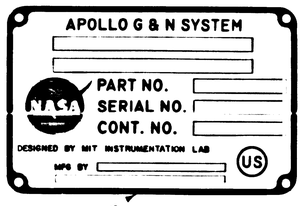
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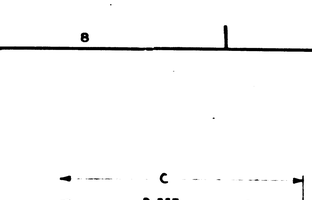
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SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
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CN		REVISION STATUS CHANGED		31 OCT 67	JRP
CP		REVISION STATUS CHANGED		6 DEC 67	
CR		REVISION STATUS CHANGED		7 FEB 68	
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CT		REVISION STATUS CHANGED		19 FEB 68	
CU		REVISION STATUS CHANGED		20 FEBRUARY 68	



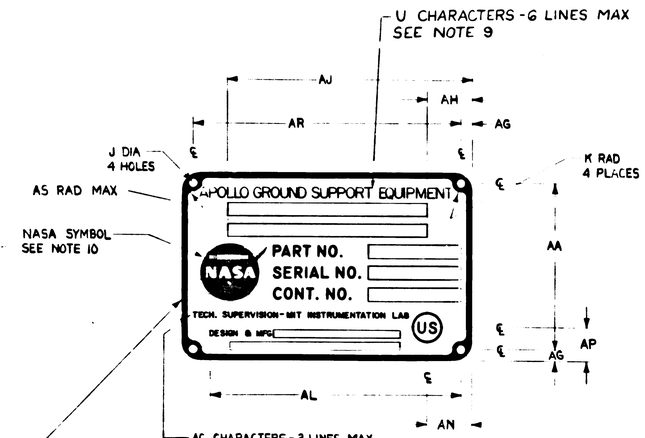
FOR G AND N SYSTEM
STYLE A





H (TYP) 5 PLACES

WITHOUT MOUNTING HOLES
TYPE I



WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

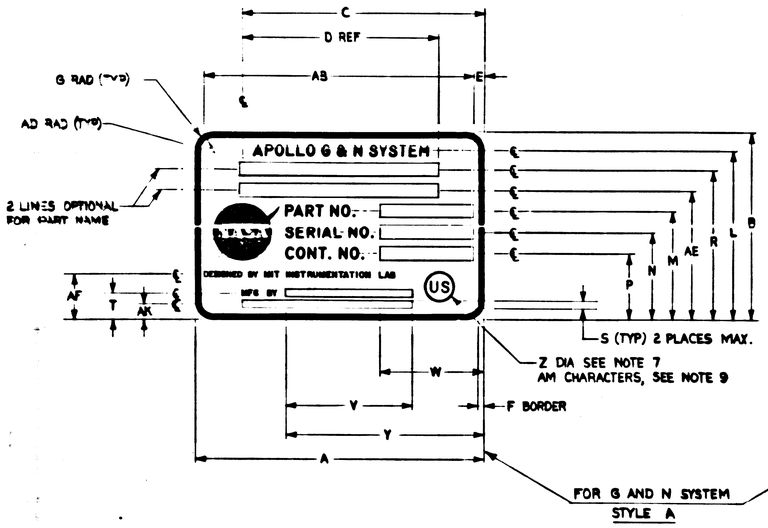
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± .005 3 PLACE DECIMALS DECIMALS ANGLES ± ± ±	MIT INSTRUMENTATION LAB	MANNED SPACECRAFT CENTER HOUSTON TEXAS		
	DRAWN R A JONES 16 JUL 65	NAMEPLATES, APOLLO GEN - GSE (STANDARDS)		
	CHECKED W KUPFER 22 JUL 65			
DO NOT SCALE THIS DRAWING	APPROVAL CONTRACT			
AS APPLICABLE	MATERIAL SEE NOTE 11	T MICHAELS 22 JUL 65	SIZE J2	CODE IDENT NO 80230
NEXT ASSY USED ON		NASA APPROVAL		1004260
APPLICATION	APPROVAL	W KUPFER 22 JUL 65 MIT APPROVAL	SCALE NONE	SHEET 1 OF 6

1004260 CU SHT 1

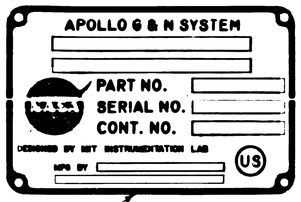
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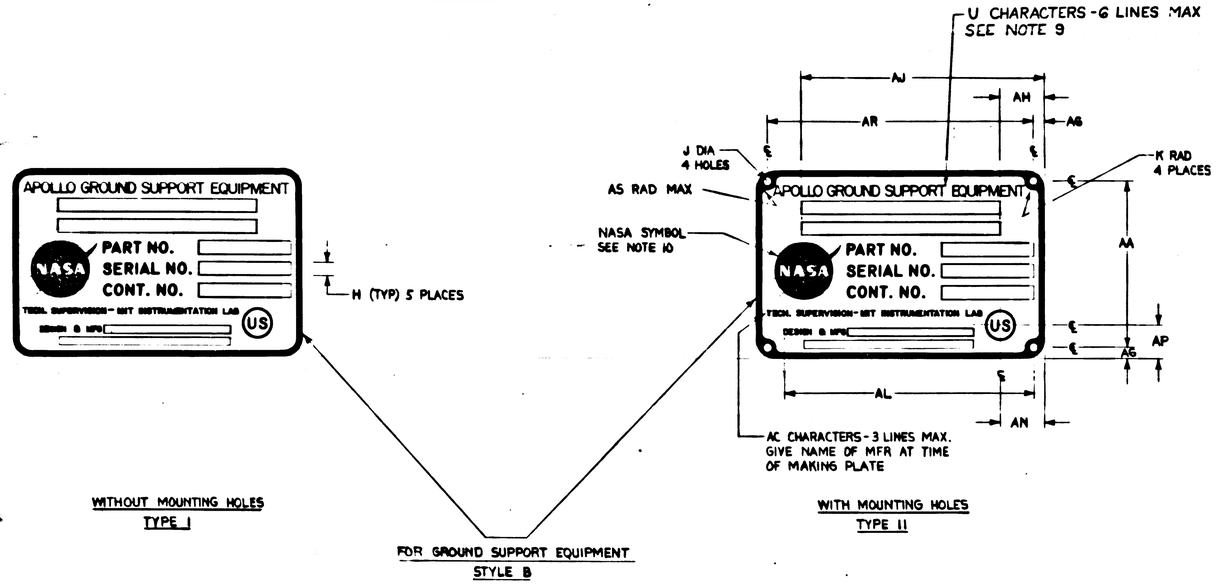
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REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
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CN		REVISION STATUS CHANGED		31 OCT 67	
CP		REVISION STATUS CHANGED		6 NOV 67	
CR		REVISION STATUS CHANGED		7 DEC 67	
CS		REVISION STATUS CHANGED		3 JAN 68	
CT		REVISION STATUS CHANGED		19 JAN 68	
CU		REVISION STATUS CHANGED		22 FEB 68	
CV		REVISION STATUS CHANGED		27 MAR 68	



FOR G AND N SYSTEM
STYLE A





WITHOUT MOUNTING HOLES
TYPE I

WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

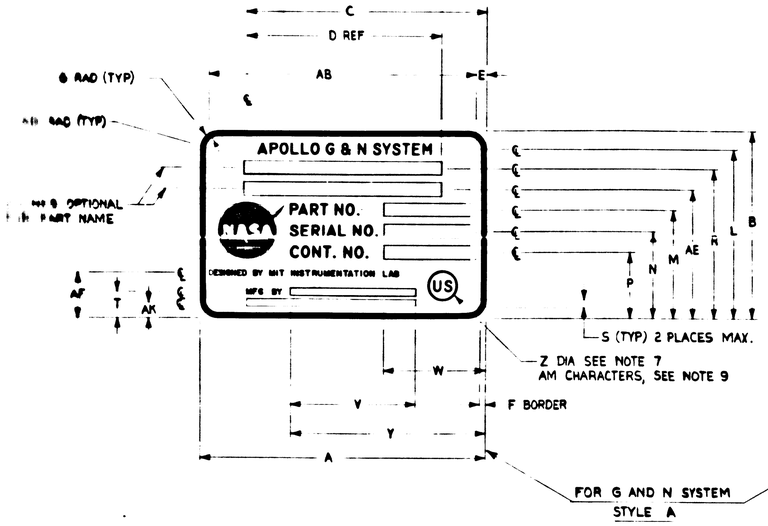
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± .005 3 PLACE DECIMALS ANGLES ± ±	MIT INSTRUMENTATION LAB	MANNED SPACECRAFT CENTER HOUSTON, TEXAS		
DO NOT SCALE THIS DRAWING	DRAWN R.A. JONES 18 JUL 65	NAMEPLATES, APOLLO G&N - GSE (STANDARDS)		
MATERIAL SEE NOTE 11	CHECKED W. RUPPER 22 JUL 65			
AS APPLICABLE NEXT ASSY USED ON	APPROVAL	CONTRACT		
APPLICATION	T. MICHAELS 22 JUL 65 NASA APPROVAL	SIZE J2	CODE IDENT NO. 80230	1004260
	W. RUPPER 22 JUL 65 MIT APPROVAL	SCALE NONE		SHEET 1 OF 6

1004260 | C\ | SHT 1

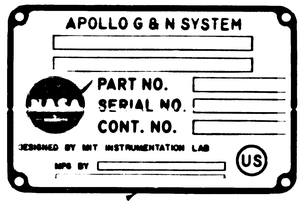
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REVISIONS					
BY	ZONE	DESCRIPTION	CHG NO	DATE	APPD
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CM		REVISION STATUS CHANGED		8 OCT 65	
CN		REVISION STATUS CHANGED		21 OCT 65	
CP		REVISION STATUS CHANGED		4 NOV 65	
CR		REVISION STATUS CHANGED		7 DEC 65	
CS		REVISION STATUS CHANGED		9 DEC 65	
CT		REVISION STATUS CHANGED		17 DEC 65	
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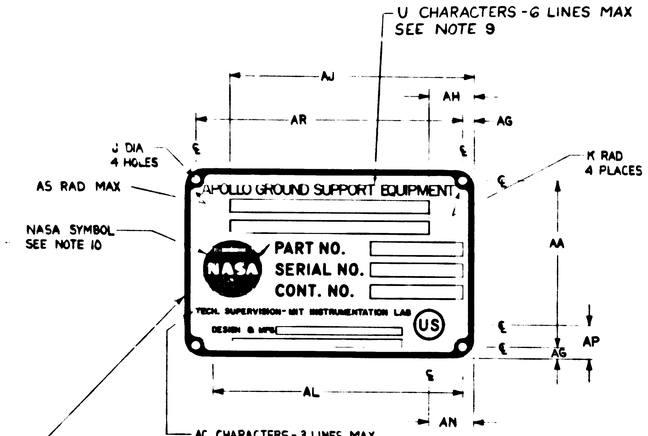


FOR G AND N SYSTEM
STYLE A





WITHOUT MOUNTING HOLES
TYPE I



WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

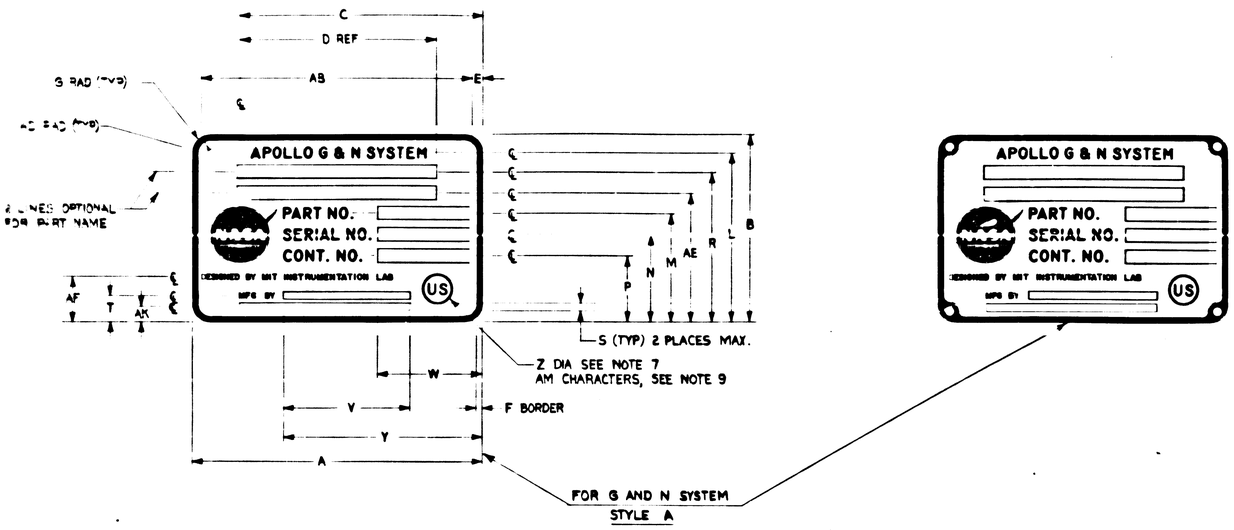
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± .03 3 PLACE DECIMALS ± .005 ANGLES ± —	MIT INSTRUMENTATION LAB	MANNED SPACECRAFT CENTER HOUSTON TEXAS	
DO NOT SCALE THIS DRAWING	DRAWN R A JONES 16 JUL 65	NAMEPLATES, APOLLO G&N - GSE (STANDARDS)	
MATERIAL SEE NOTE 11	CHECKED W RUPPER 22 JUL 65		
AS APPLICABLE NEXT ASSY / USED ON APPLICATION	APPROVAL CONTRACT		
	NASA APPROVAL T MICHAELS 22 JUL 65	SIZE J2	CODE IDENT NO 80230
	MIT APPROVAL W RUPPER 22 JUL 65	SCALE NONE	SHEET 1 OF 6

1004260

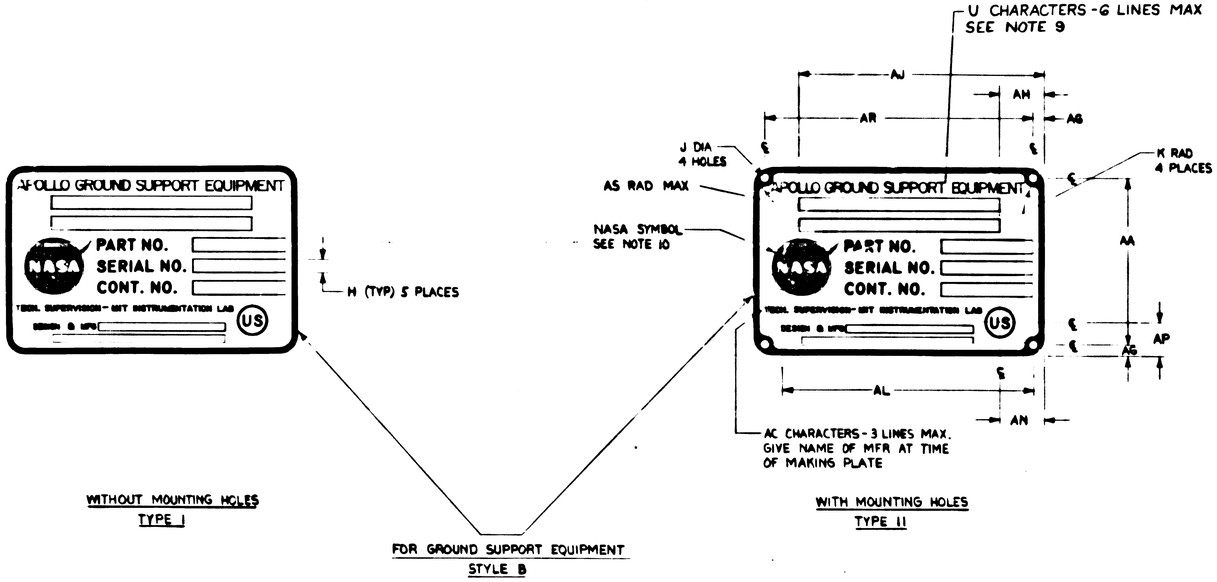
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1004260

REVISIONS					
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CN		REVISION STATUS CHANGED		31 OCT 65	
CO		REVISION STATUS CHANGED		5 NOV 65	
CP		REVISION STATUS CHANGED		7 DEC 65	
CQ		REVISION STATUS CHANGED		16 DEC 65	
CR		REVISION STATUS CHANGED		17 DEC 65	
CS		REVISION STATUS CHANGED		22 DEC 65	
CT		REVISION STATUS CHANGED		27 DEC 65	



FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I

WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± / 3 PLACE DECIMALS ± .005 / ANGLES ± — DO NOT SCALE THIS DRAWING	MATERIAL SEE NOTE 11	AS APPLICABLE NEXT ASSY / USED ON / APPLICATION	APPROVAL	MIT INSTRUMENTATION LAB	MANNED SPACECRAFT CENTER HOUSTON, TEXAS
				DRAWN R. A. JONES 15 JUL 65	NAMEPLATES, APOLLO G&N - GSE (STANDARDS)
				CHECKED T. SUPPER 22 JUL 65	
				APPROVAL	CONTRACT
				T. MICHAELS 22 JUL 65	SIZE J2 / CODE IDENT NO. 80230 / 1004260
				NASA APPROVAL	
				W. SUPPER 22 JUL 65	SCALE NONE / SHEET 1 OF 6
				MIT APPROVAL	

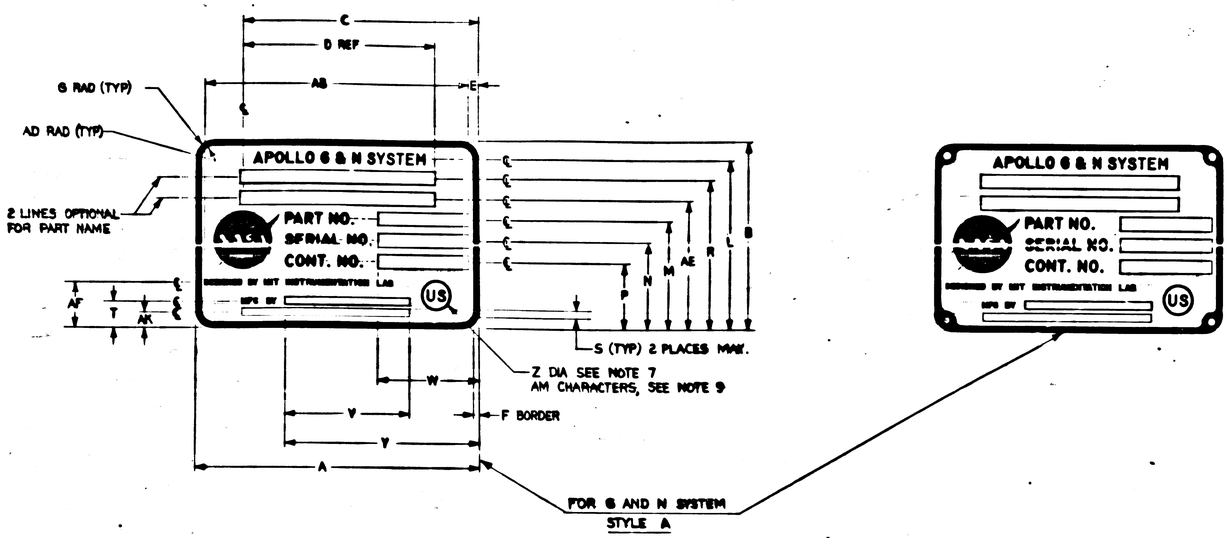
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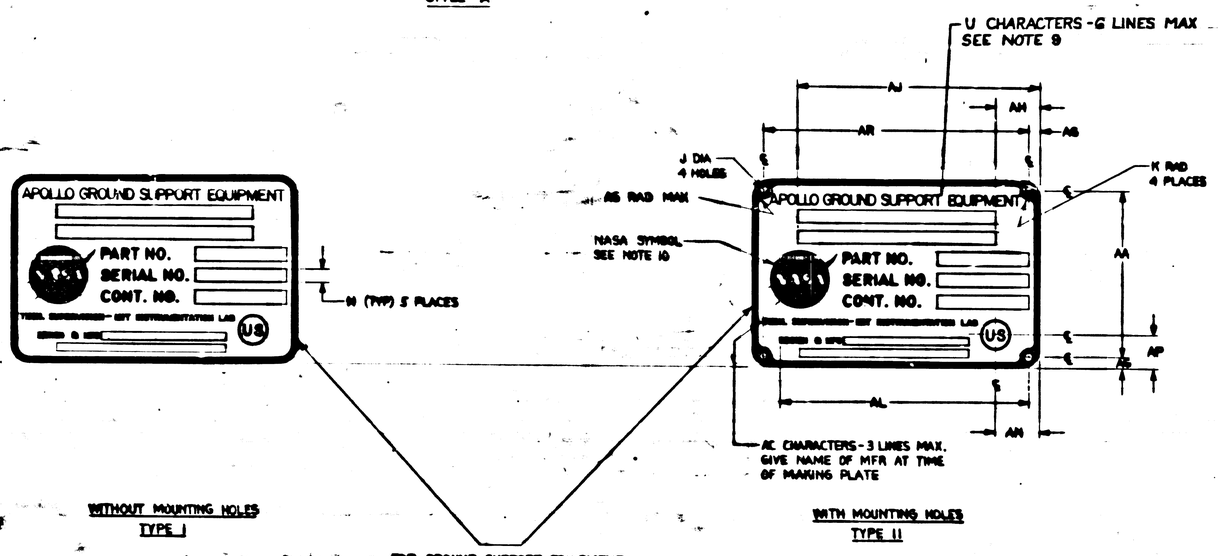
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REVISIONS					
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CM		REVISION STATUS CHANGED		18 OCT 67	RAW
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CP		REVISION STATUS CHANGED		8 DEC 67	
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CT		REVISION STATUS CHANGED		7 MAR 68	
CU		REVISION STATUS CHANGED		22 FEB 68	
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CW		REVISION STATUS CHANGED		9 APR 68	
CY		REVISION STATUS CHANGED		16 APR 68	
CZ		REVISION STATUS CHANGED		23 APR 68	



FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I

WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

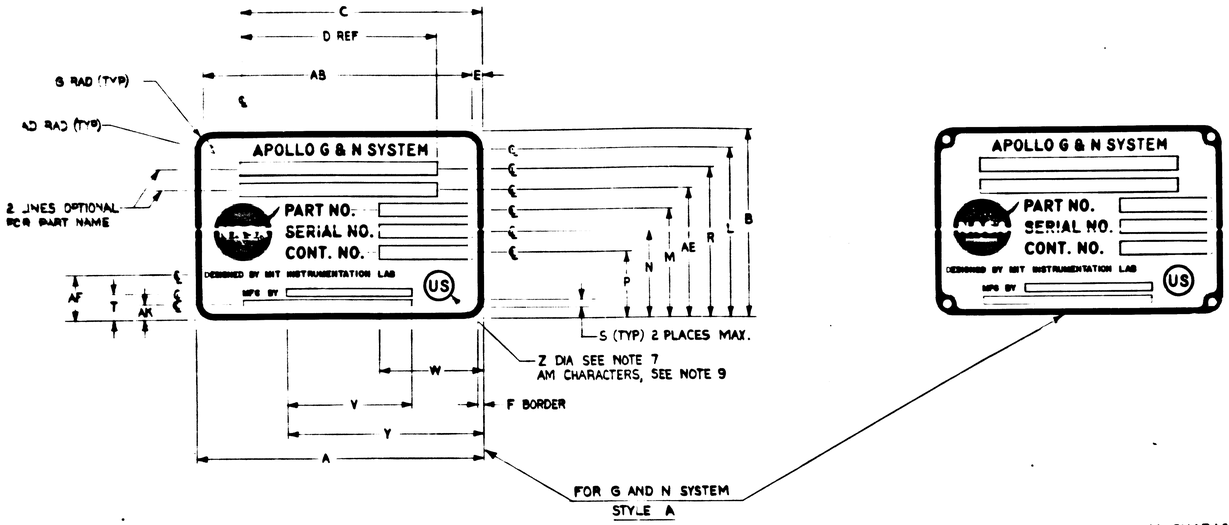
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± 3 PLACE DECIMALS ± .005 DECIMALS ± ANGLES ± — DO NOT SCALE THIS DRAWING MATERIAL SEE NOTE 11 AS APPLICABLE NEXT ASSY APPLICATION	MIT INSTRUMENTATION LAB DRAWN R. E. JONES 18 JUL 68 CHECKED T. RUPPER 22 JUL 68 APPROVAL CONTRACT T. MICHAELS 22 JUL 68 NASA APPROVAL W. RUPPER 22 JUL 68 MIT APPROVAL	MANNED SPACECRAFT CENTER HOUSTON, TEXAS NAMEPLATES, APOLLO G&N - GSE (STANDARDS) SIZE J2 CAGE CODE NO. 80230 1004260 SCALE NONE SHEET 1 OF 1

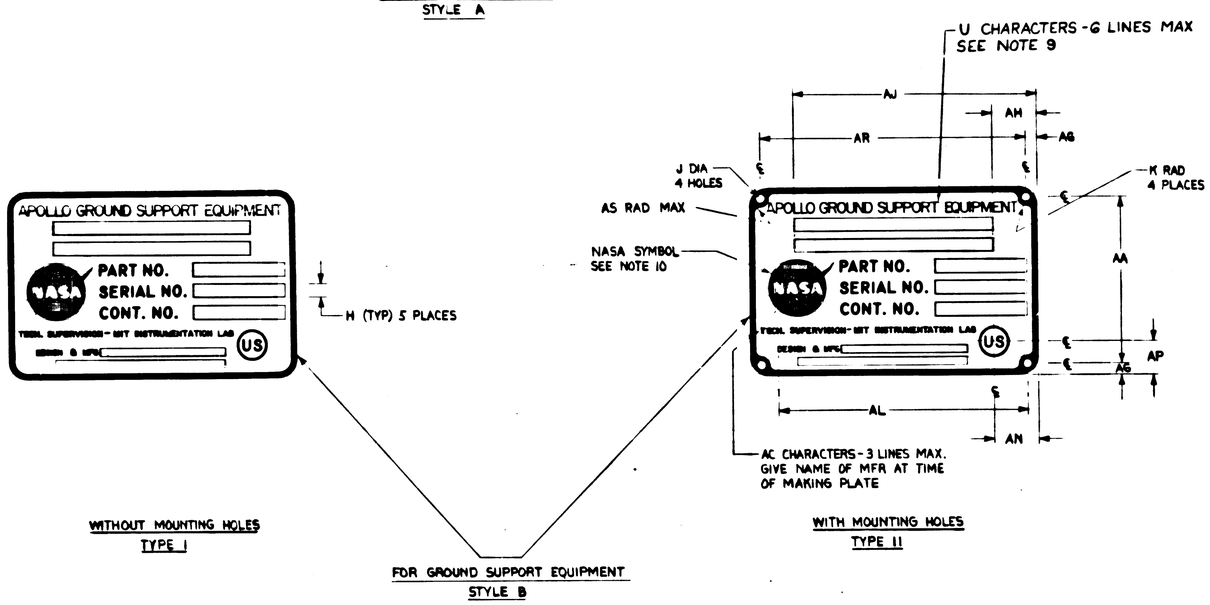
1004260 EZ Sheet 1

1004260 CZ 1004260 C 1004260 B

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REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REVISION WITHOUT CHANGE PER [illegible]		[illegible]	
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CN		REVISION STATUS CHANGED		3 OCT 65	
CP		REVISION STATUS CHANGED		2 DEC 65	
CR		REVISION STATUS CHANGED		[illegible]	
CS		REVISION STATUS CHANGED		[illegible]	
CT		REVISION STATUS CHANGED		[illegible]	
CU		REVISION STATUS CHANGED		[illegible]	
CV		REVISION STATUS CHANGED		27 JAN 66	
CW		REVISION STATUS CHANGED		[illegible]	
CY		REVISION STATUS CHANGED		[illegible]	
CZ		REVISION STATUS CHANGED		[illegible]	
DA		REVISION STATUS CHANGED		[illegible]	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ±, 3 PLACE DECIMALS ±, DECIMALS ±, ANGLES ±. ±.005 ±. DO NOT SCALE THIS DRAWING	MIT INSTRUMENTATION LAB	MANNED SPACECRAFT CENTER HOUSTON, TEXAS	
MATERIAL SEE NOTE 11	D. J. JONES DRAWN 15 JUL 65	NAMEPLATES, APOLLO G&N - GSE (STANDARDS)	
NEXT ASSY	R. RUPPER CHECKED 22 JUL 65		
USED ON	R. RUPPER APPROVAL 22 JUL 65	CONTRACT	
APPLICATION	T. MICHAELS NASA APPROVAL 22 JUL 65	SIZE J2	CODE IDENT NO. 80230
APPROVAL	R. RUPPER MIT APPROVAL 22 JUL 65	SCALE NONE	1004260 SHEET 6 OF 6

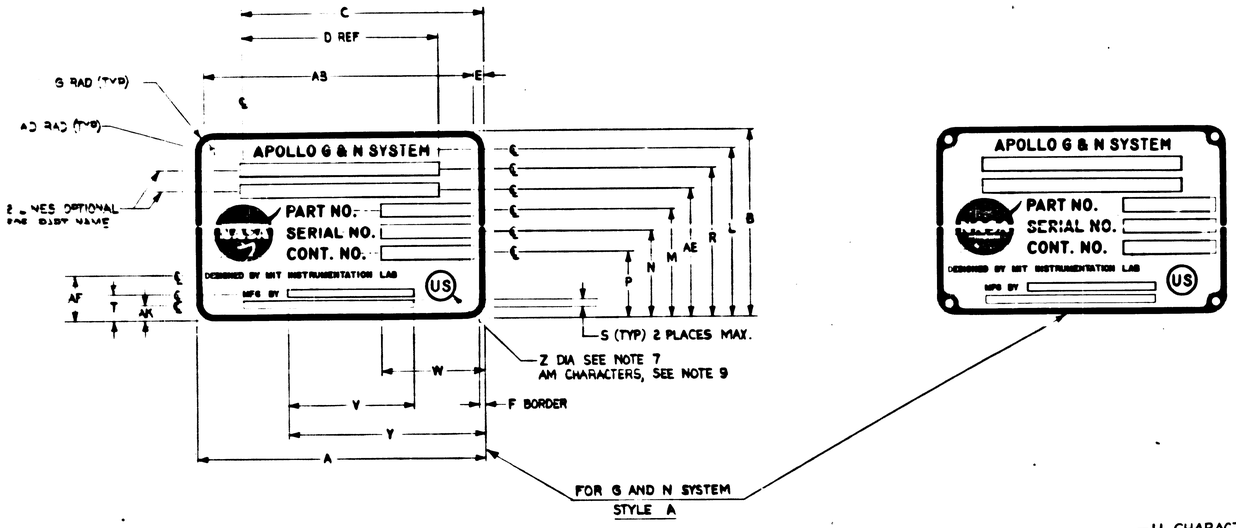
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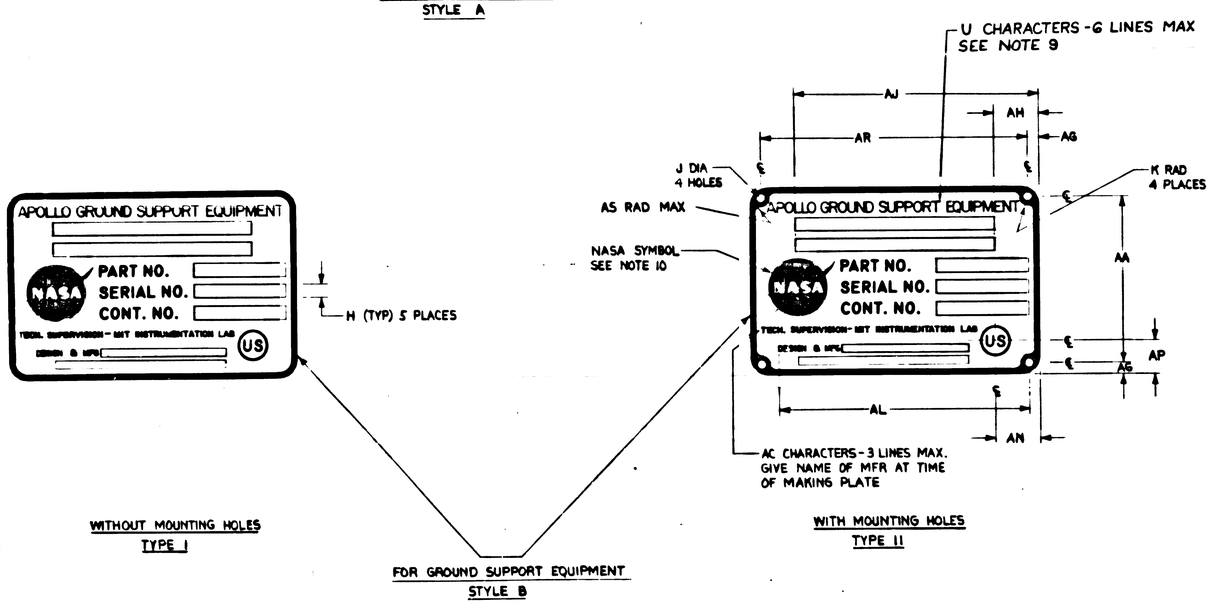
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REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
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CR		REVISION STATUS CHANGED			
S		REVISION STATUS CHANGED			
CT		REVISION STATUS CHANGED			
CU		REVISION STATUS CHANGED			
CV		REVISION STATUS CHANGED			
CW		REVISION STATUS CHANGED			
CY		REVISION STATUS CHANGED			
CZ		REVISION STATUS CHANGED			
DA		REVISION STATUS CHANGED			
DB		REVISION STATUS CHANGED			





UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. TOLERANCES ON: 2 PLACE DECIMALS ±; 3 PLACE DECIMALS ±.005; ANGLES ±; DO NOT SCALE THIS DRAWING; MATERIAL: SEE NOTE 11; AS APPLICABLE; NEXT ASSY; USED ON; APPLICATION; APPROVALS	MIT INSTRUMENTATION LAB	MANNED SPACECRAFT CENTER HOUSTON, TEXAS		
	DRAWN: E. A. JONES 18 JUL 68	NAMEPLATES, APOLLO G&N - GSE (STANDARDS)		
	CHECKED: W. RUPPER 22 JUL 68			
	APPROVAL:			
	CONTRACT: T. MICHAELS 22 JUL 68	SIZE: J2	CODE IDENT NO.: 80230	1004260
	NASA APPROVAL: W. RUPPER 22 JUL 68	SCALE: NONE		SHEET: OF 6
	MIT APPROVAL:			

1004260 DE SHT 1

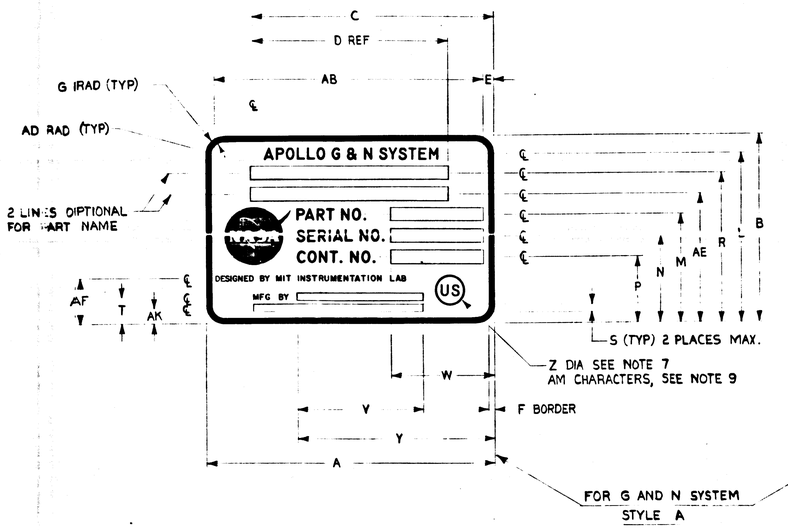
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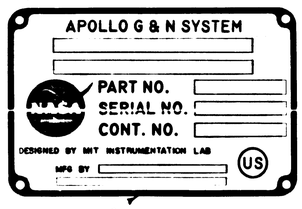
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1004260 DE 1004260 A

08540001 Rev 1 7/3/68

REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REVS WITHOUT CHANGE PER TDRR 34365		9/28/67	JWL RWH
CM		REVISION STATUS CHANGED		18 OCT 67	RAW
CN		REVISION STATUS CHANGED		31 OCT 67	JRK
CP		REVISION STATUS CHANGED		6 NOV 67	
CR		REVISION STATUS CHANGED		7 DEC 67	RWH
CS		REVISION STATUS CHANGED		11 DEC 67	RWH
CT		REVISION STATUS CHANGED		7 FEB 68	
CU		REVISION STATUS CHANGED		22 FEB 68	JRK
CV		REVISION STATUS CHANGED		27 FEB 68	JRK
CW		REVISION STATUS CHANGED		3 APR 68	
CY		REVISION STATUS CHANGED		5 APR 68	RWH
CZ		REVISION STATUS CHANGED		25 MAY 68	
DA		REVISION STATUS CHANGED		11 JUNE 68	
DB		REVISION STATUS CHANGED		25 SEPT 68	
DC		REVISION STATUS CHANGED		16 DEC 68	JRK

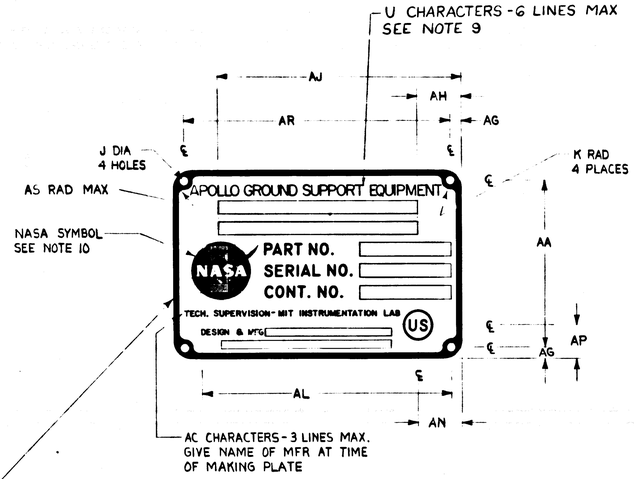




FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I



WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

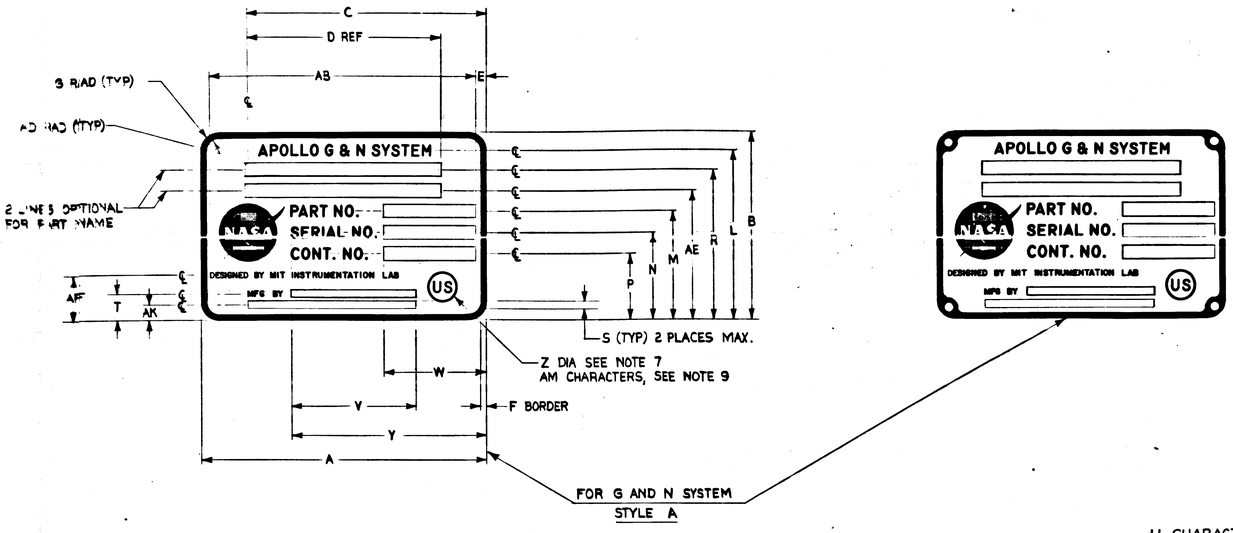
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± .03 3 PLACE DECIMALS ± .005 ANGLES ± —	MIT INSTRUMENTATION LAB	MANNED SPACECRAFT CENTER HOUSTON, TEXAS
		DO NOT SCALE THIS DRAWING	R. A. JONES DRAWN 16 JUL 65	NAMEPLATES, APOLLO G&N - GSE (STANDARDS)
AS APPLICABLE		MATERIAL SEE NOTE 11	W. KUPFER CHECKED 22 JUL 65	
NEXT ASSY	USED ON		W. KUPFER APPROVAL 22 JUL 65	SIZE J2 CODE IDENT NO. 80230 1004260
APPLICATION		APPROVAL	T. MICHAELS NASA APPROVAL 22 JUL 65	SCALE NONE SHEET 1 OF 6

1004260 DC SHT 1

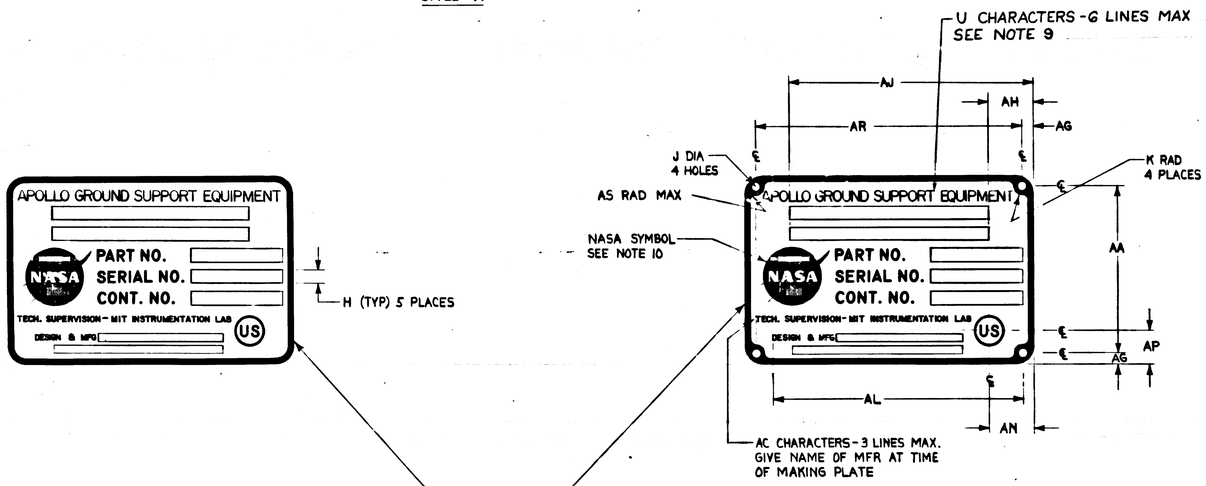
1004260 DC 1004260

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REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV'CK WITHOUT CHANGE PER TDRR 34365		9/28/67	JWL RWH
CM		REVISION STATUS CHANGED		18 OCT 67	RAW
CN		REVISION STATUS CHANGED		31 OCT 67	JRK
CP		REVISION STATUS CHANGED		6 NOV 67	DC
CR		REVISION STATUS CHANGED		7 DEC 67	WCD
CS		REVISION STATUS CHANGED		3 JAN 68	VW
CT		REVISION STATUS CHANGED		17 JAN 68	
CU		REVISION STATUS CHANGED		22 FEB 68	JRK
CV		REVISION STATUS CHANGED		27 FEB 68	JRK
CW		REVISION STATUS CHANGED		8 MAR 68	
CY		REVISION STATUS CHANGED		6 APR 68	
CZ		REVISION STATUS CHANGED		22 APR 68	
DA		REVISION STATUS CHANGED		1 MAY 68	
DB		REVISION STATUS CHANGED		1 MAY 68	
DC		REVISION STATUS CHANGED		8 MAY 68	
DD		REVISION STATUS CHANGED		31 MAY 68	



FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I

WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

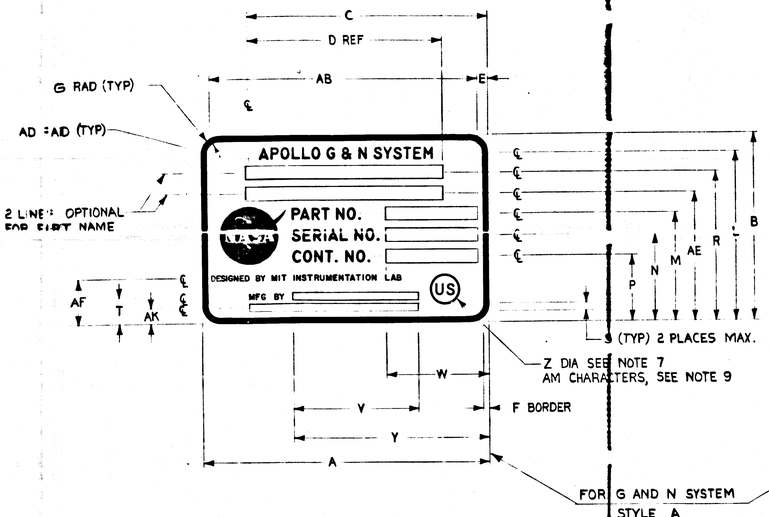
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± 3 PLACE DECIMALS ± DECIMALS ± ANGLES ± .005 ± ± DO NOT SCALE THIS DRAWING	MIT INSTRUMENTATION LAB Cambridge, Mass.	MANNED SPACECRAFT CENTER HOUSTON, TEXAS		
	DRAWN R.A. JONES 16 JUL 65	NAMEPLATES, APOLLO G&N - GSE (STANDARDS)		
	CHECKED W. KUPFER 22 JUL 65			
AS APPLICABLE NEXT ASSY USED ON APPLICATION	CONTRACT			
	MATERIAL SEE NOTE 11	T. MICHAELS 22 JUL 65 NASA APPROVAL	SIZE J2	CODE IDENT NO. 80230
	APPROVAL	W. KUPFER 22 JUL 65 MIT APPROVAL	SCALE NONE	1004260 SHEET OF 6

1004260 DD SHT 1

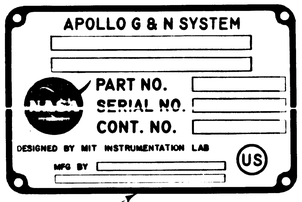
SHEET 1 OF 6 1004260

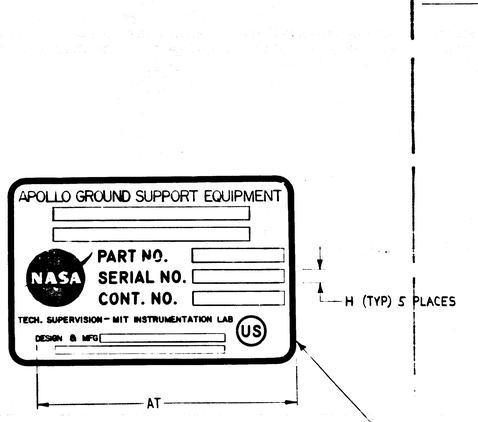
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REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REVCK WITHOUT CHANGE PER TDRR 34365		9 FEB 67	JWL RWH
CM		REVISION STATUS CHANGED		18 OCT 67	RAW
CN		REVISION STATUS CHANGED		31 OCT 67	URK
CP		REVISION STATUS CHANGED		6 NOV 67	URK
CR		REVISION STATUS CHANGED		7 DEC 67	RWH
CS		REVISION STATUS CHANGED		13 DEC 67	RWH
CT		REVISION STATUS CHANGED		19 DEC 67	RWH
CU		REVISION STATUS CHANGED		22 FEB 68	URK
CV		REVISION STATUS CHANGED		27 FEB 68	RCK
CW		REVISION STATUS CHANGED		3 APR 68	MRY
CY		REVISION STATUS CHANGED		26 APR 68	HN
CZ		REVISION STATUS CHANGED		20 MAY 68	MRY
DA		REVISION STATUS CHANGED		11 JUN 68	MRY
DB		REVISION STATUS CHANGED		3 DEC 68	RWH
DC		REVISION STATUS CHANGED		18 DEC 68	RCK
DD		REVISION STATUS CHANGED		30 DEC 68	JH
DE		REVISED PER TDRR 31251		21 JAN 69	JH

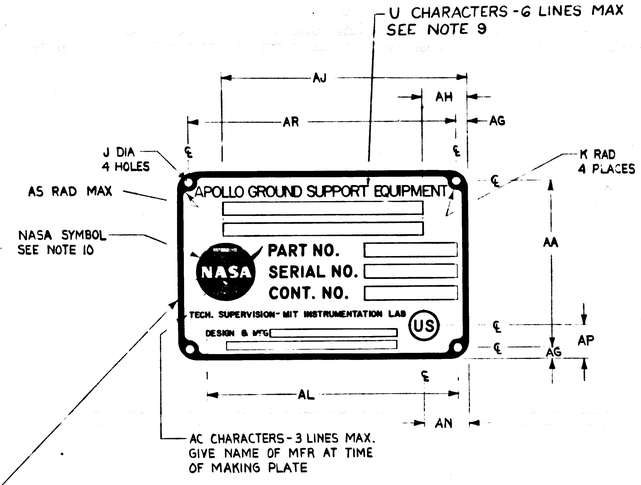


FOR G AND N SYSTEM
STYLE A





WITHOUT MOUNTING HOLES
TYPE I



WITH MOUNTING HOLES
TYPE II

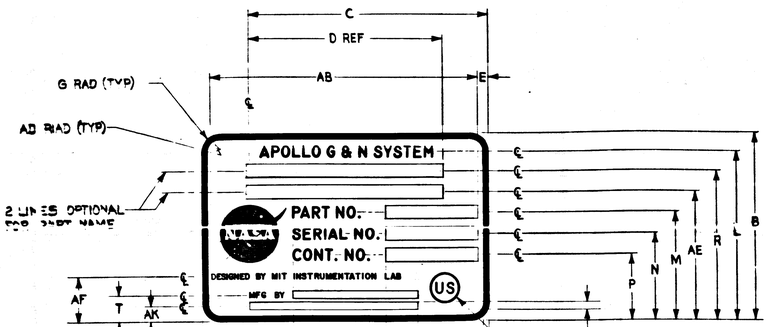
FOR GROUND SUPPORT EQUIPMENT
STYLE B

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE 3 PLACE DECIMALS DECIMALS ANGLES + + + − − .005 −	M.I.T. INSTRUMENTATION LAB Cambridge, Mass.	MANNED SPACECRAFT CENTER HOUSTON, TEXAS
		DO NOT SCALE THIS DRAWING	R. A. JONES DRAWN 16 JUL 65	NAMEPLATES, APOLLO G&N - GSE (STANDARDS)
AS APPLICABLE NEXT ASSY	USED ON	MATERIAL SEE NOTE 11	CHECKED W. KUPFER 22 JUL 65	
APPLICATION		APPROVAL	APPROVAL CONTRACT	
			T. MICHAELS 22 JUL 65 NASA APPROVAL	SIZE J2 CODE IDENT NO. 80230 — 1004260
			W. KUPFER 22 JUL 65 MIT APPROVAL	SCALE NONE SHEET 1 OF 6

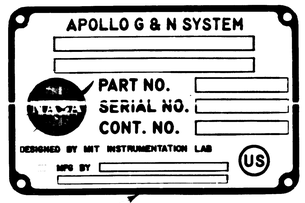
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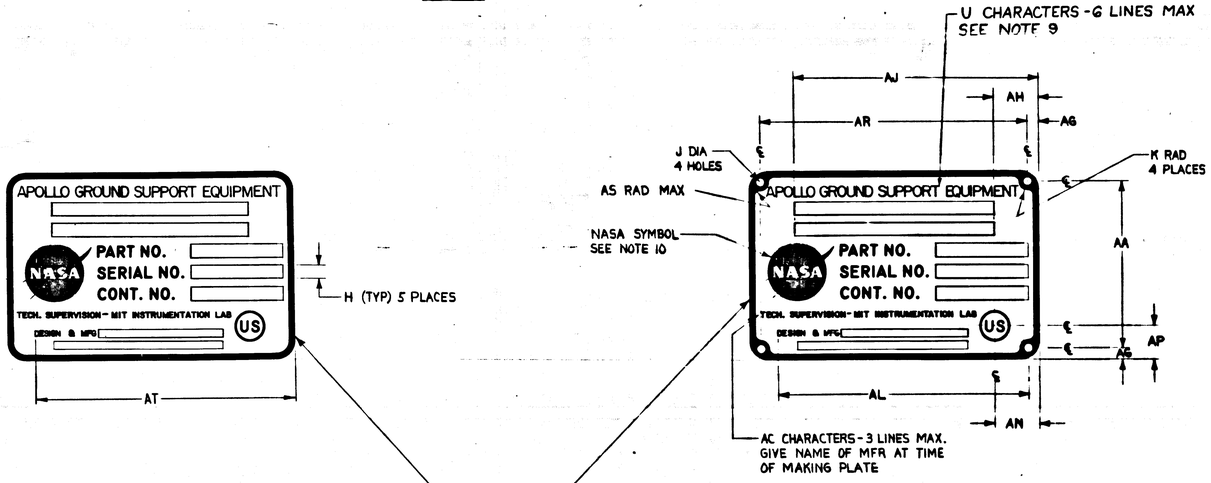
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REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
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CM		REVISION STATUS CHANGED		8 OCT 67	RAW
CN		REVISION STATUS CHANGED		31 OCT 67	URK
CP		REVISION STATUS CHANGED		6 NOV 67	
CR		REVISION STATUS CHANGED		7 DEC 67	
CS		REVISION STATUS CHANGED		5 JAN 68	RWH
CT		REVISION STATUS CHANGED		1 FEB 68	
CU		REVISION STATUS CHANGED		22 FEB 68	
CV		REVISION STATUS CHANGED		27 FEB 68	
CW		REVISION STATUS CHANGED		9 APR 68	
CY		REVISION STATUS CHANGED		16 APR 68	
CZ		REVISION STATUS CHANGED		23 MAY 68	
DA		REVISION STATUS CHANGED		17 JUL 68	
DB		REVISION STATUS CHANGED		5 SEP 68	
DC		REVISION STATUS CHANGED		18 DEC 68	
DD		REVISION STATUS CHANGED		30 DEC 68	
DE		REVISED PER TDRR 3-25		22 JAN 69	
DF		REVISION STATUS CHANGED		27 JAN 69	



FOR G AND N SYSTEM
STYLE A





WITHOUT MOUNTING HOLES
TYPE I

FOR GROUND SUPPORT EQUIPMENT
STYLE B

WITH MOUNTING HOLES
TYPE II

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE 3 PLACE DECIMALS DECIMALS ANGLES + + +/- - - .005 - -	MIT INSTRUMENTATION LAB Cambridge, Mass.	MANNED SPACECRAFT CENTER HOUSTON, TEXAS		
DO NOT SCALE THIS DRAWING	DRAWN R.A. JONES 16 JUL 65	NAMEPLATES, APOLLO G&N - GSE (STANDARDS)		
MATERIAL SEE NOTE 11	CHECKED W. KUPFER 22 JUL 65			
AS APPLICABLE	APPROVAL	CONTRACT		
NEXT ASSY USED ON	T. MICHAELS 22 JUL 65	SIZE J2	CODE IDENT NO. 80230	1004260
APPLICATION	NASA APPROVAL W. KUPFER 22 JUL 65	SCALE NONE		SHEET OF 6
	MIT APPROVAL			

1004260 D SHT 1

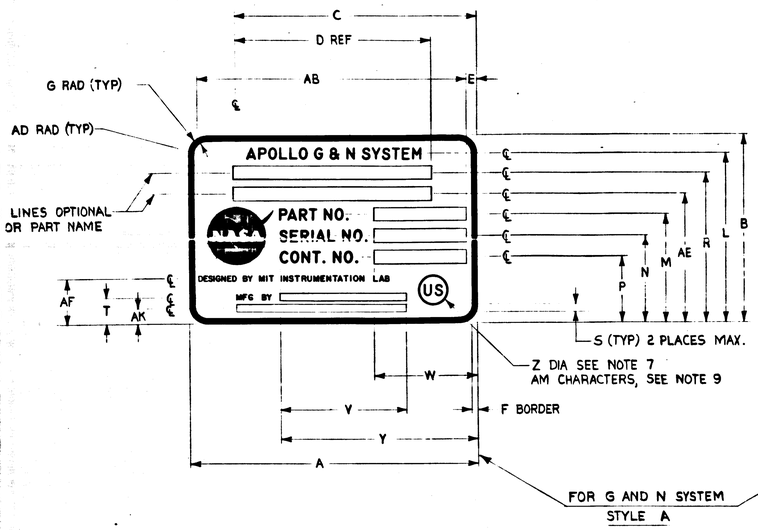
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1004260 DF

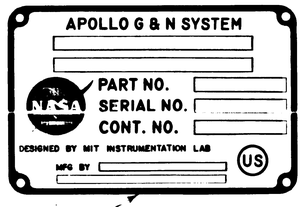
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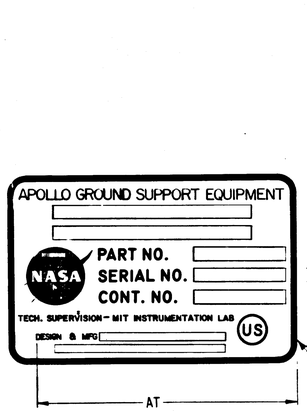
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REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
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CM		REVISION STATUS CHANGED		18 OCT 67	RAW
CN		REVISION STATUS CHANGED		31 OCT 67	JRK
CP		REVISION STATUS CHANGED		6 NOV 67	RAW
CR		REVISION STATUS CHANGED		7 DEC 67	RWH
CS		REVISION STATUS CHANGED		4 JAN 68	RWH
CT		REVISION STATUS CHANGED		19 FEB 68	RWH
CU		REVISION STATUS CHANGED		22 FEB 68	JRK
CV		REVISION STATUS CHANGED		27 FEB 68	RWH
CW		REVISION STATUS CHANGED		3 MAR 68	RWH
CY		REVISION STATUS CHANGED		16 APR 68	RWH
CZ		REVISION STATUS CHANGED		23 MAY 68	RWH
DA		REVISION STATUS CHANGED		11 JUN 68	RWH
DB		REVISION STATUS CHANGED		9 DEC 68	RWH
DC		REVISION STATUS CHANGED		16 DEC 68	RWH
DD		REVISION STATUS CHANGED		30 DEC 68	RWH
DE		REVISED PER TDRR 37251		22 JUL 69	RWH
DF		REVISION STATUS CHANGED		27 JAN 70	RWH
DG		REVISION STATUS CHANGED		17 SEP 71	DKD

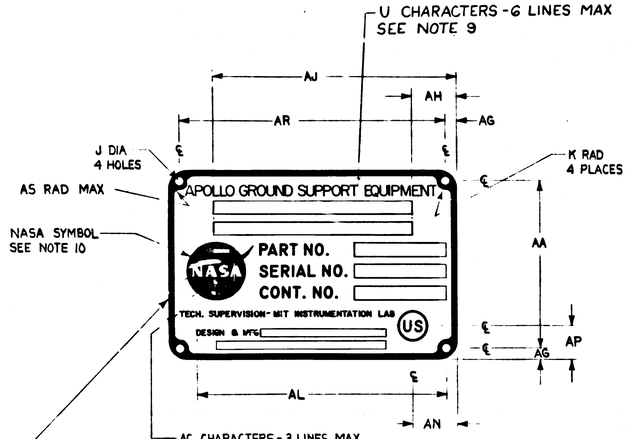


FOR G AND N SYSTEM
STYLE A





WITHOUT MOUNTING HOLES
TYPE I



WITH MOUNTING HOLES
TYPE II

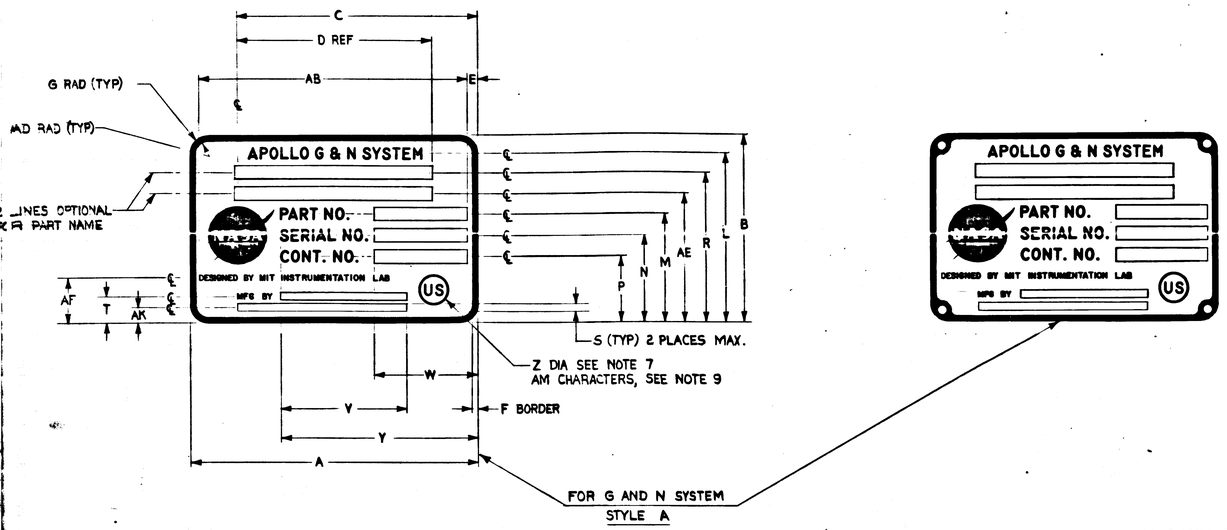
FOR GROUND SUPPORT EQUIPMENT
STYLE B

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± .005, 3 PLACE DECIMALS ± —, ANGLES ± —	M.I.T. INSTRUMENTATION LAB Cambridge, Mass.	MANNED SPACECRAFT CENTER HOUSTON, TEXAS
		DO NOT SCALE THIS DRAWING	DRAWN R. A. JONES 16 JUL 65	NAMEPLATES, APOLLO G&N - GSE (STANDARDS)
AS APPLICABLE		MATERIAL SEE NOTE 11	CHECKED W. KUPFER 22 JUL 65	
NEXT ASSY	USED ON		APPROVAL	
APPLICATION			CONTRACT	SIZE J2 CODE IDENT NO. 80230 — 1004260
			T. MICHAELS 22 JUL 65 NASA APPROVAL	SCALE NONE SHEET 1 OF 6
			W. KUPFER 22 JUL 65 MIT APPROVAL	

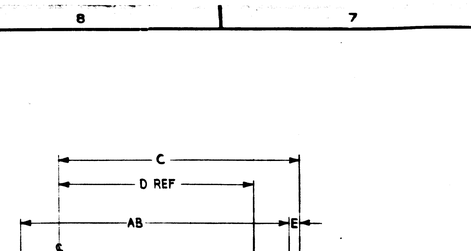
1004260 DG SHT 1

1004260 DG 1004260 SHEET 1 OF 6

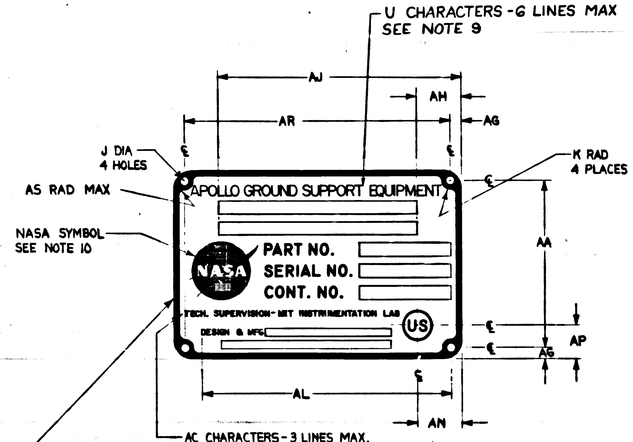
2241004260



FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I



WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDRR 34365		9 OCT 67	JWL RWH
CM		REVISION STATUS CHANGED		18 OCT 67	RAW
CN		REVISION STATUS CHANGED		31 OCT 67	JRK
CP		REVISION STATUS CHANGED		6 NOV 67	JRK
CR		REVISION STATUS CHANGED		7 NOV 67	RWH
CS		REVISION STATUS CHANGED		3 JAN 68	RWH
CT		REVISION STATUS CHANGED		19 JAN 68	LK
CU		REVISION STATUS CHANGED		22 FEB 68	JRK
CV		REVISION STATUS CHANGED		27 FEB 68	LK
CW		REVISION STATUS CHANGED		8 APR 68	MRY
CY		REVISION STATUS CHANGED		16 APR 68	RH
CZ		REVISION STATUS CHANGED		23 MAY 68	MRY
DA		REVISION STATUS CHANGED		17 JUN 68	RH
DB		REVISION STATUS CHANGED		18 SEP 68	RH
DC		REVISION STATUS CHANGED		16 DEC 68	LK
DD		REVISION STATUS CHANGED		30 DEC 68	MRY
DE		REVISED PER TDRR 3-25		28 JAN 69	LK
DF		REVISION STATUS CHANGED		27 JAN 69	LK
DG		REVISION STATUS CHANGED		27 SEP 69	DKD
DH		REVISION STATUS CHANGED		29 SEP 69	MRY

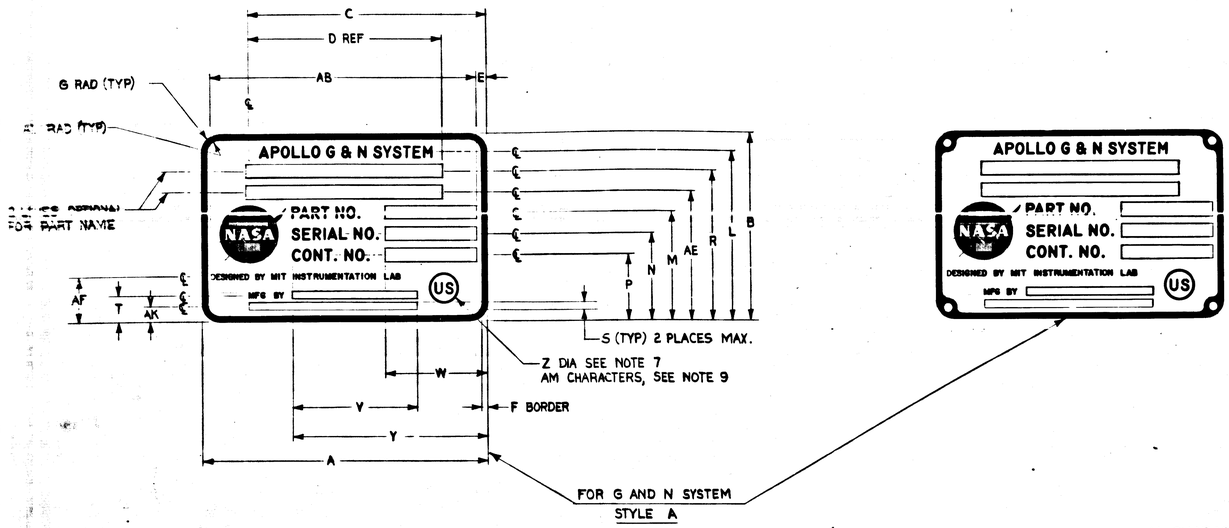
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ±, 3 PLACE DECIMALS ±.005, ANGLES ±	MIT INSTRUMENTATION LAB Cambridge, Mass.	MANNED SPACECRAFT CENTER HOUSTON, TEXAS
DO NOT SCALE THIS DRAWING	DRAWN J. A. JONES 16 JUL 65	NAMEPLATES, APOLLO GEN - GSE (STANDARDS)
MATERIAL SEE NOTE 11	CHECKED W. KUPFER 22 JUL 65	
AS APPLICABLE NEXT ASSY USED ON APPLICATION	APPROVAL CONTRACT	
APPROVAL	T. MICHAELS 22 JUL 65 NASA APPROVAL	SIZE J2 CODE IDENT NO. 80230 — 1004260
	W. KUPFER 22 JUL 65 MIT APPROVAL	SCALE NONE SHEET 1 OF 6

260 SHT 1

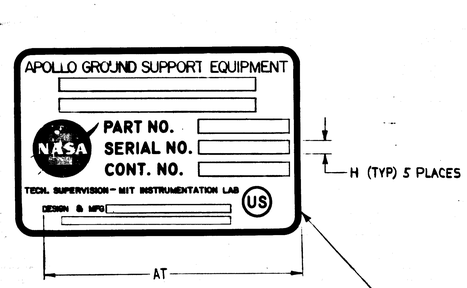
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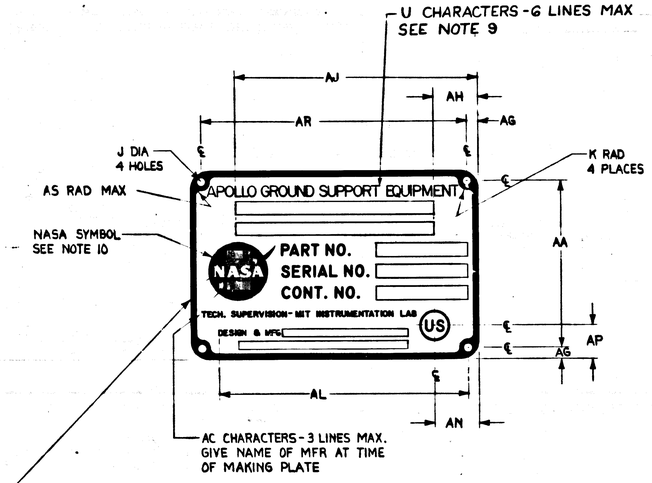
REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDRR 3436S		28 JUL 67	JWL RWM
CM		REVISION STATUS CHANGED		18 OCT 67	RAW
CN		REVISION STATUS CHANGED		31 OCT 67	JWL
CP		REVISION STATUS CHANGED		6 NOV 67	
CR		REVISION STATUS CHANGED		7 DEC 67	RWM
CS		REVISION STATUS CHANGED		3 JAN 68	RWM
CT		REVISION STATUS CHANGED		19 FEB 68	
CU		REVISION STATUS CHANGED		22 FEB 68	
CV		REVISION STATUS CHANGED		27 FEB 68	
CW		REVISION STATUS CHANGED		2 APR 68	
CY		REVISION STATUS CHANGED		9 APR 68	
CZ		REVISION STATUS CHANGED		25 MAY 68	
DA		REVISION STATUS CHANGED		19 JUN 68	
DB		REVISION STATUS CHANGED		19 SEP 68	
DC		REVISION STATUS CHANGED		18 DEC 68	
DD		REVISION STATUS CHANGED		30 DEC 68	
DE		REVISED PER TDRR 3"25"		22 JUL 69	
DF		REVISION STATUS CHANGED		27 AUG 69	
DG		REVISION STATUS CHANGED		17 SEP 69	DCR
DH		REVISION STATUS CHANGED		23 OCT 69	
DJ		REVISION STATUS CHANGED		10 NOV 69	



FOR G AND N SYSTEM
STYLE A



WITHOUT MOUNTING HOLES
TYPE I



WITH MOUNTING HOLES
TYPE II

FOR GROUND SUPPORT EQUIPMENT
STYLE B

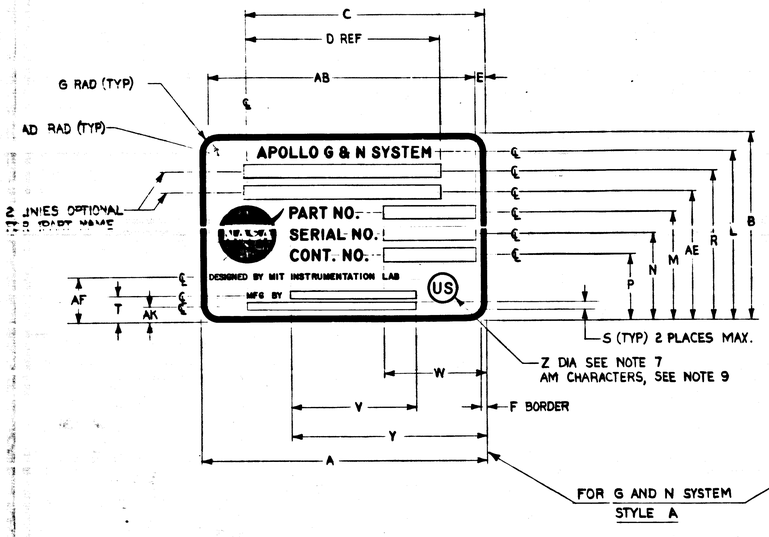
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± / 3 PLACE DECIMALS ± .005 / ANGLES ±	MIT INSTRUMENTATION LAB Cambridge, Mass.		MANNED SPACECRAFT CENTER HOUSTON, TEXAS	
DO NOT SCALE THIS DRAWING	DRAWN R.A. JONES 16 JUL 65		NAMEPLATES, APOLLO G&N - GSE (STANDARDS)	
MATERIAL SEE NOTE 11	CHECKED W. KUPFER 22 JUL 65			
AS APPLICABLE NEXT ASSY / USED ON	APPROVAL	CONTRACT		
APPLICATION	T. MICHAELS 22 JUL 65 NASA APPROVAL	SIZE J2	CODE IDENT NO. 80230	1004260
	W. KUPFER 22 JUL 65 MIT APPROVAL	SCALE NONE		SHEET 1 OF 6

1004260 C SHT 1

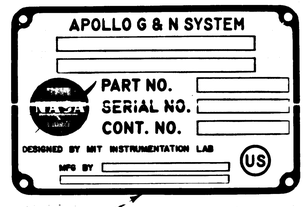
1004260 C

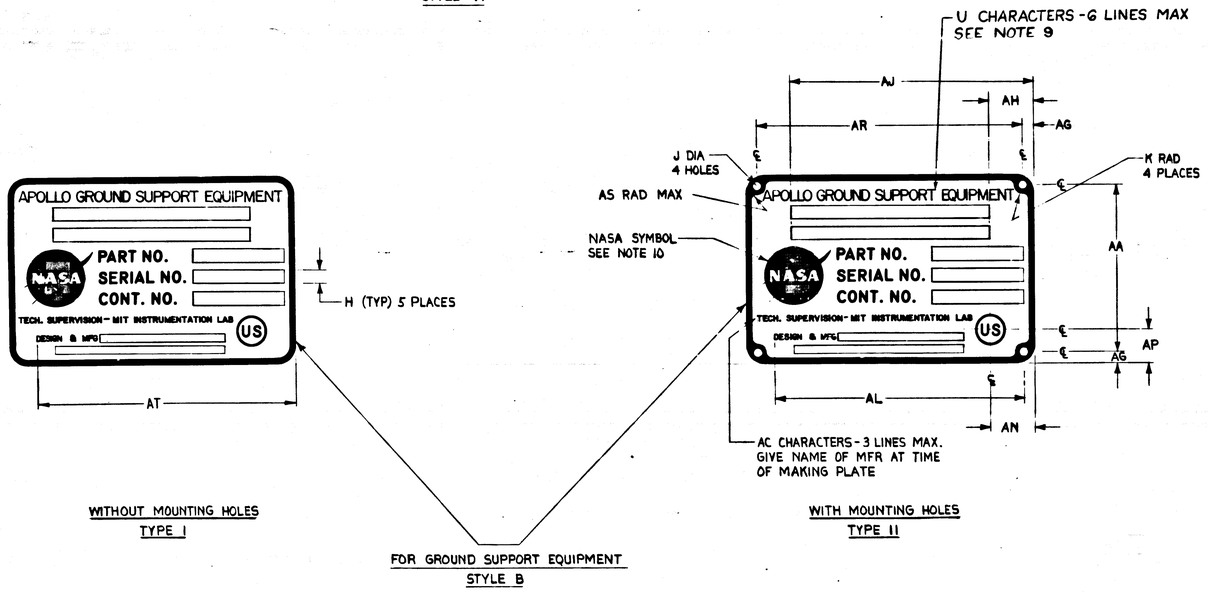
SHEET 1 of 6
005A001

SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDRR 34365		28/67	JWL RWM
CM		REVISION STATUS CHANGED		18 OCT 67	RAW
CN		REVISION STATUS CHANGED		31 OCT 67	JRK
CP		REVISION STATUS CHANGED		6 NOV 67	RWM
CR		REVISION STATUS CHANGED		7 DEC 67	MD
CS		REVISION STATUS CHANGED		5 JAN 68	RWM
CT		REVISION STATUS CHANGED		1 FEB 68	RWM
CU		REVISION STATUS CHANGED		22 FEB 68	JRK
CV		REVISION STATUS CHANGED		27 FEB 68	RWM
CW		REVISION STATUS CHANGED		8 APR 68	RWM
CY		REVISION STATUS CHANGED		16 APR 68	RWM
CZ		REVISION STATUS CHANGED		26 MAY 68	RWM
DA		REVISION STATUS CHANGED		7 JUN 68	RWM
DB		REVISION STATUS CHANGED		2 JUL 68	RWM
DC		REVISION STATUS CHANGED		16 SEP 68	RWM
DD		REVISION STATUS CHANGED		30 OCT 68	RWM
DE		REVISED PER TDRR 37251		25 NOV 68	RWM
DF		REVISION STATUS CHANGED		27 DEC 68	RWM
DG		REVISION STATUS CHANGED		17 JAN 69	RWM
DH		REVISION STATUS CHANGED		23 JAN 69	RWM
DJ		REVISION STATUS CHANGED		10 FEB 69	RWM
DK		REVISION STATUS CHANGED		25 JUL 69	RWM



FOR G AND N SYSTEM
STYLE A





WITH MOUNTING HOLES
TYPE II

WITHOUT MOUNTING HOLES
TYPE I

FOR GROUND SUPPORT EQUIPMENT
STYLE B

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± 3 PLACE DECIMALS ± DECIMALS ± ANGLES ± .005 ± —	MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.	MANNED SPACECRAFT CENTER HOUSTON, TEXAS
DO NOT SCALE THIS DRAWING	DRAWN R. A. JONES 16 JUL 65	NAMEPLATES, APOLLO GEN - GSE (STANDARDS)
MATERIAL SEE NOTE 11	CHECKED W. KUPFER 22 JUL 65	
AS APPLICABLE NEXT ASSY USED ON APPLICATION	CONTRACT T. MICHAELS 22 JUL 65 NASA APPROVAL W. KUPFER 22 JUL 65 MIT APPROVAL	SIZE J2 CODE IDENT NO. 80230 1004260 SCALE NONE SHEET 1 OF 6

1004 260 D< SHT 1

08SA001 Rev 1 7334-2

2711004260

REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDRR 34365		28/67	RWM
CM		REVISION STATUS CHANGED		18 OCT 67	R.A.W.
CN		REVISION STATUS CHANGED		30 OCT 67	URK
CP		REVISION STATUS CHANGED		6 NOV 67	EWS
CR		REVISION STATUS CHANGED		7 DEC 67	DAB RWM
CS		REVISION STATUS CHANGED		3 JAN 68	EWJ
CT		REVISION STATUS CHANGED		7 FEB 68	LK RWM
CU		REVISION STATUS CHANGED		22 FEB 68	URK
CV		REVISION STATUS CHANGED		27 FEB 68	LK
CW		REVISION STATUS CHANGED		2 APR 68	MRY
CY		REVISION STATUS CHANGED		10 APR 68	R.N.
CZ		REVISION STATUS CHANGED		25 APR 68	MRY
DA		REVISION STATUS CHANGED		17 JUN 68	
DB		REVISION STATUS CHANGED		25 JUL 68	
DC		REVISION STATUS CHANGED		16 DEC 68	LK
DD		REVISION STATUS CHANGED		30 JAN 69	MRY
DE		REVISION STATUS CHANGED		23 JAN 69	

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SYM	ZONE	REVISIONS DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDRR 34365		9/28/67	JWL RWM
CM		REVISION STATUS CHANGED		18 OCT 67	R A W

.156	.093	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA
.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA
.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA
.078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA
.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.457	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

KOLLSMAN DASH NUMBERS

AS APPLICABLE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± 3 PLACE DECIMALS ± DECIMALS ± ANGLES ± .005 ±	MIT INSTRUMENTATION LAB	MANNED SPACECRAFT CENTER HOUSTON TEXAS	
NEXT ASSY	DO NOT SCALE THIS DRAWING	R A JONES 6 JUL 65 DRAWN DATE	NAMEPLATES, APOLLO GEN - GSE (STANDARDS)	
USED ON	MATERIAL SEE NOTE 11	CHECKED W KUPFER 22 JUL 65 APPROVAL		
APPLICATION		CONTRACT		
	APPROVAL	T MICHAELS 22 JUL 65 NASA APPROVAL	SIZE J2	CODE IDENT NO 80230
		W KUPFER 22 JUL 65 MIT APPROVAL	SCALE NONE	1004260 SHEET 2 OF 6

1004260 CM SHT 2

2 A 1 0 0 4 2 6 0

1004260 CM 2 SHEET 2 OF 6

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REVISIONS						
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		RED-ACES REV CK WITHOUT CHANGE PER TDRR 34345		9 DEC 67	[illegible]
CM		REVISION STATUS CHANGED		18 OCT 67	R.A.J.
CN		REVISION STATUS CHANGED		3 OCT 67	[illegible]
CP		REVISION STATUS CHANGED		6 NOV 67	[illegible]
CR		REVISION STATUS CHANGED		7 JAN 68	[illegible]
CS		REVISION STATUS CHANGED		3 JAN 68	[illegible]

120	.093	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA
	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA
	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA
	.048	.018	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA
	.048	.018	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA
	.048	.018	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA
	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
	.048	.018	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
	.048	.018	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
	.048	.018	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
F		G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AB	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

KOLLSMAN DASH NUMBERS

120	.093	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA
	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA
	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA
	.048	.018	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA
	.048	.018	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA
	.048	.018	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA
	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
	.048	.018	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
	.048	.018	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
	.048	.018	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
F		G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AB	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± 3 PLACE DECIMALS ± DECIMALS ± ANGLES ± .005	INSTRUMENTATION LAB Cambridge, Mass.	MANNED SPACECRAFT CENTER HOUSTON, TEXAS
DO NOT SCALE THIS DRAWING	R. A. JONES 16 JUL 65 DRAWN DATE	NAMEPLATES, APOLLO GEN - GSE (STANDARDS)
MATERIAL SEE NOTE 11	CHECKED W. RUPPER 22 JUL 65 APPROVAL	
AS APPLICABLE NEXT ASSY USED ON APPLICATION	CONTRACT	
	T. MICHAELS 22 JUL 65 NASA APPROVAL	SIZE J2 CODE IDENT NO. 80230 1004260
	W. RUPPER 22 JUL 65 INT. APPROVAL	SCALE NONE SHEET 2 OF 6

1004260 CS SHT 2

2T/1004260

SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDAR 34365		9/28/67	
CM		REVISION STATUS CHANGED		18 OCT 67	
CN		REVISION STATUS CHANGED		31 OCT 67	
CP		REVISION STATUS CHANGED		6 NOV 67	
CR		REVISION STATUS CHANGED		7 DEC 67	
CS		REVISION STATUS CHANGED		3 JUL 68	
CT		REVISION STATUS CHANGED		7 JUL 68	

134	.093	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA
136	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA
072	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA
078	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA
#4	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA
5	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
6	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
7	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
8	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
9	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
10	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
11	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
12	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

KOLLSMAN DASH NUMBERS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± / 3 PLACE DECIMALS ± .005 / ANGLES ± –	INSTRUMENTATION LAB	MANNED SPACECRAFT CENTER HOUSTON TEXAS	
DO NOT SCALE THIS DRAWING	DRAWN R.A. JONES 16 JUL 65	NAMEPLATES, APOLLO GSN - GSE (STANDARDS)	
MATERIAL SEE NOTE 11	CHECKED W. KUPFER 22 JUL 65		
APPROVAL	APPROVAL	CONTRACT	
AS APPLICABLE NEXT ASSY / USED ON APPLICATION	T. MICHAELS 22 JUL 65 NASA APPROVAL	SIZE J2	CODE IDENT NO 80230
	W. KUPFER 22 JUL 65 INT APPROVAL	SCALE NONE	1004260
			SHEET 2 OF 6

1004260 | CT | Shr 2

1004260 CT

2/1 1004260

13	.093	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA	
14	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	NA	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
15	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
16	.048	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17																																	
18																																	
19	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.840	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA	
12	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.583	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687	
13	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687	
14	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687	
15	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687	
16	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA	
17	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA	
18	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA	
19	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA	
	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	

KOLLSMAN DASH NUMBERS

REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDAR 34365		28/6/67	JGL
CM		REVISION STATUS CHANGED		18 OCT 67	RAW
CN		REVISION STATUS CHANGED		30 OCT 67	JRK
CP		REVISION STATUS CHANGED		6 NOV 67	EWS
CR		REVISION STATUS CHANGED		7 DEC 67	JRK
CS		REVISION STATUS CHANGED		3 JAN 68	
CT		REVISION STATUS CHANGED		17 JAN 68	EWS
CU		REVISION STATUS CHANGED		22 JAN 68	JRK

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± .005 3 PLACE ± DECIMALS ANGLES ±	INSTRUMENTATION LAB CAMBRIDGE MASS.	MANNED SPACECRAFT CENTER HOUSTON TEXAS	
DO NOT SCALE THIS DRAWING	DRAWN R A JONES 16 JUL 65	NAMEPLATES, APOLLO GEN - GSE (STANDARDS)	
MATERIAL SEE NOTE 11	CHECKED W KUPFER 22 JUL 65		
AS APPLICABLE MULT ASSY / USED ON APPLICATION	APPROVAL CONTRACT		
	T MICHAELS 22 JUL 65 NASA APPROVAL	SIZE J2	CODE IDENT NO 80230
	W KUPFER 22 JUL 65 MIT APPROVAL	SCALE NONE	1004260
			SHEET 2 OF 6

1004260 CU SHT 2

2/1004260

1004260 CU 1004260 1004260 B

SHEET 2 of 6

1004260 A

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| | | |

136	.093	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA

REVISIONS					
SYMBOL		DESCRIPTION	DOC NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TCAR 34048		1 MAR 67	[illegible]
CM		REVISION STATUS CHANGED		18 OCT 67	R.A.M.
CN		REVISION STATUS CHANGED		19 OCT 67	J.R.K.
CP		REVISION STATUS CHANGED		6 NOV 67	[illegible]
CR		REVISION STATUS CHANGED		7 DEC 67	[illegible]
CS		REVISION STATUS CHANGED		9 JAN 68	[illegible]
CT		REVISION STATUS CHANGED		15 FEB 68	J.R.K.
CU		REVISION STATUS CHANGED		26 FEB 68	[illegible]
CV		REVISION STATUS CHANGED		7 MAR 68	J.R.K.
CW		REVISION STATUS CHANGED		8 APR 68	[illegible]
CY		REVISION STATUS CHANGED		16 APR 68	B.M.
CZ		REVISION STATUS CHANGED		2 MAY 68	[illegible]

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SYM	ZONE	REVISIONS DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDRR 34365		20 SEP 67	
CM		REVISION STATUS CHANGED		18 OCT 67	
CN		REVISION STATUS CHANGED		3 OCT 67	
CP		REVISION STATUS CHANGED		2 NOV 67	
CR		REVISION STATUS CHANGED		7 DEC 67	
CS		REVISION STATUS CHANGED		4 JAN 68	
CT		REVISION STATUS CHANGED		25 JAN 68	
CU		REVISION STATUS CHANGED		19 FEB 68	
CV		REVISION STATUS CHANGED		11 MAR 68	
CW		REVISION STATUS CHANGED		5 APR 68	
CX		REVISION STATUS CHANGED		26 APR 68	
CZ		REVISION STATUS CHANGED		15 MAY 68	
DA		REVISION STATUS CHANGED		7 JUN 68	

184	.09	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA		
183	.09	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14	.04	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
178	.04	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	.04	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	NA	.180	NA	.078	NA	NA	NA
182	.09	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687		
181	.09	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687		
180	.09	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687		
179	.09	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687		
177	.09	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA		
176	.09	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA		
175	.04	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA		
174	.04	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA		
		E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

KOLLSMAN DASH NUMBERS

184	.09	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
183	.09	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
14	.04	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
178	.04	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	.04	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	NA	.180	NA	.078	NA	NA	NA
182	.09	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687		
181	.09	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687		
180	.09	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687		
179	.09	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687		
177	.09	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA		
176	.09	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA		
175	.04	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA		
174	.04	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA		
		E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± 3 PLACE DECIMALS ± DECIMALS ANGLES ± .005 ±	MIT INSTRUMENTATION LAB	MANNED SPACECRAFT CENTER HOUSTON TEXAS
	DO NOT SCALE THIS DRAWING	DRAWN R A JONES 8 JUL 68	NAMEPLATES, APOLLO GSE - GSE (STANDARDS)
AS APPLICABLE	MATERIAL SEE NOTE 11	CHECKED J RUPPER 22 JUL 68	
NEXT ASSY USED ON		ENGR APPROVAL CONTRACT	
APPLICATION	APPROVALS	T MICHAELS 22 JUL 68	SIZE J2
		MSFA APPROVAL	CODE IDENT NO 80230
		W RUPPER 22 JUL 68	1004260
		QUALITY APPROVAL	SCALE NONE SHEET 2 OF 6

1004260 DA 1004260 B 1004260 A

1004260 SHT 2

2-A1004260

REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER CCRB 34365		9 OCT 67	JBL
CM		REVISION STATUS CHANGED		18 OCT 67	RAM
CN		REVISION STATUS CHANGED		3 OCT 68	
CP		REVISION STATUS CHANGED		4 NOV 68	
CR		REVISION STATUS CHANGED		7 DEC 68	
CS		REVISION STATUS CHANGED		9 JAN 68	
CT		REVISION STATUS CHANGED		12 JAN 68	
CU		REVISION STATUS CHANGED		19 FEB 68	
CV		REVISION STATUS CHANGED		5 MAR 68	
CW		REVISION STATUS CHANGED		2 APR 68	
CY		REVISION STATUS CHANGED		9 APR 68	
CZ		REVISION STATUS CHANGED		25 APR 68	
DA		REVISION STATUS CHANGED		2 MAY 68	
DB		REVISION STATUS CHANGED		5 MAY 68	

188	.093	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA		
003		.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA		
003		.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA		
048		.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA		
048		.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	320	NA	NA	NA	NA	NA	NA	NA	NA	NA		
048		.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA		
003		.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687		
003		.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687		
003		.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687		
003		.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687		
003		.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA		
003		.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA		
048		.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA		
048		.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA		
048		.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA		
F		G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR		

KOLLSMAN DASH NUMBERS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± / 3 PLACE DECIMALS ± / ANGLES ± .046		MANNED SPACECRAFT CENTER HOUSTON, TEXAS	
DO NOT SCALE THIS DRAWING		DRAWN J. A. JONES 8 JUL 65	NAMEPLATES, APOLLO GSE - GSE (STANDARDS)
MATERIAL SEE NOTE H		CHECKED R. SUTTER 22 JUL 65	
AS APPLICABLE NEXT ASSY / USED ON		APPROVAL CONTRACT	
APPLICATION		T MICHAELS 22 JUL 65 NASA APPROVAL	SIZE J2 / CODE IDENT NO. 80230 / 1004260
		W SUPPER 22 JUL 65 MFT APPROVAL	SCALE NONE / SHEET 2 OF 6

1004260 DB

1004260 C

1004260 B

A

0054001

1004 260 DB 2

2771-004260

SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TORR 34365		9/28/67	JJL RWN
CM		REVISION STATUS CHANGED		18 OCT 67	RAM
CN		REVISION STATUS CHANGED		31 OCT 67	URK
CP		REVISION STATUS CHANGED		6 NOV 67	EWS
CR		REVISION STATUS CHANGED		7 DEC 67	DDB RWN
CS		REVISION STATUS CHANGED		5 JAN 68	JNJ EHW
CT		REVISION STATUS CHANGED		7 FEB 68	LK
CU		REVISION STATUS CHANGED		20 FEB 68	URK
CV		REVISION STATUS CHANGED		27 FEB 68	LK
CW		REVISION STATUS CHANGED		3 APR 68	MRY
CY		REVISION STATUS CHANGED		16 APR 68	AN
CZ		REVISION STATUS CHANGED		25 MAY 68	MRY
DA		REVISION STATUS CHANGED		11 JUN 68	MRY
DB		REVISION STATUS CHANGED		25 JUL 68	MRY
DC		REVISION STATUS CHANGED		16 DEC 68	LK

| | | |

SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDRR 34365		4 DEC 67	JWL RWM
CM		REVISION STATUS CHANGED		18 OCT 67	RAM
CN		REVISION STATUS CHANGED		3 OCT 67	JRK
CP		REVISION STATUS CHANGED		4 NOV 67	EMS
CR		REVISION STATUS CHANGED		7 DEC 67	JWL RWM
CS		REVISION STATUS CHANGED		3 JAN 68	JWL EHW
CT		REVISION STATUS CHANGED		1 FEB 68	LK
CU		REVISION STATUS CHANGED		28 FEB 68	JRK
CV		REVISION STATUS CHANGED		27 MAR 68	LK
CW		REVISION STATUS CHANGED		3 APR 68	MKY
CY		REVISION STATUS CHANGED		16 APR 68	AN
CZ		REVISION STATUS CHANGED		23 MAY 68	MKY
DA		REVISION STATUS CHANGED		17 JUN 68	MKY
DB		REVISION STATUS CHANGED		25 SEP 68	MKY
DC		REVISION STATUS CHANGED		6 DEC 68	LK
DD		REVISION STATUS CHANGED		3 DEC 68	MKY

| | | |

SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDRR 34365		9 28/67	JUL EWH
CM		REVISION STATUS CHANGED		18 OCT 67	RAW
CN		REVISION STATUS CHANGED		3 OCT 67	URK
CP		REVISION STATUS CHANGED		6 NOV 67	EWH
CR		REVISION STATUS CHANGED		7 DEC 67	DDR EWH
CS		REVISION STATUS CHANGED		9 JAN 68	J. EWH
CT		REVISION STATUS CHANGED		7 FEB 68	LK
CU		REVISION STATUS CHANGED		29 FEB 68	URK
CV		REVISION STATUS CHANGED		5 APR 68	LK
CW		REVISION STATUS CHANGED		3 APR 68	MRY
CY		REVISION STATUS CHANGED		6 MAY 68	RN
CZ		REVISION STATUS CHANGED		23 MAY 68	MRY
DA		REVISION STATUS CHANGED		17 JUN 68	MRY
DB		REVISION STATUS CHANGED		15 SEP 68	
DC		REVISION STATUS CHANGED		6 OCT 68	LK
DD		REVISION STATUS CHANGED		30 DEC 68	MRY
DE		REVISION STATUS CHANGED		13 JAN 69	
DF		REVISION STATUS CHANGED		27 JAN 69	LK

.156	.093	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA		
.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
.078	.048	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
.078	.048	.078	.053	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	.048	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA		
.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687		
.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687		
.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687		
.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687		
.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA		
.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA		
.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA		
.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA		
.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA		
E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR		

KOLLSMAN DASH NUMBERS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± / 3 PLACE DECIMALS ± .005 / ANGLES ±	INSTRUMENTATION LAB Cambridge, Mass.		MANNED SPACECRAFT CENTER HOUSTON, TEXAS	
DO NOT SCALE THIS DRAWING	DRWN R A JONES 16 JUL 65		NAMEPLATES, APOLLO GSE - GSE (STANDARDS)	
MATERIAL SEE NOTE 11	CHKD W KUPPER 22 JUL 65			
AS APPLICABLE / NEXT ASSY / USED ON / APPLICATION	CONTRACT T MICHAELS 22 JUL 65		SIZE J2	CODE IDENT NO. 80230
	NASA APPROVAL W KUPPER 22 JUL 65		1004260	
	MIT APPROVAL		SCALE NONE	SHEET 2 OF 6

1004260 DF 1004260 C 1004260 B A

1004260 SHT 2

2741 0504 2660

SYM	ZONE	REVISIONS DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDRR 34365		28/11/67	JBL RWM
CM		REVISION STATUS CHANGED		18 OCT 67	RAW
CN		REVISION STATUS CHANGED		31 OCT 67	URK
CP		REVISION STATUS CHANGED		6 NOV 67	EWS
CR		REVISION STATUS CHANGED		7 DEC 67	DCD RWM
CS		REVISION STATUS CHANGED		9 JAN 68	JWN EWM
CT		REVISION STATUS CHANGED		7 FEB 68	LK RWM
CU		REVISION STATUS CHANGED		22 FEB 68	UDK
CV		REVISION STATUS CHANGED		27 FEB 68	LK
CW		REVISION STATUS CHANGED		5 APR 68	MRY
CY		REVISION STATUS CHANGED		16 APR 68	RN
CZ		REVISION STATUS CHANGED		23 MAY 68	MRY
DA		REVISION STATUS CHANGED		17 JUN 68	MRY
DB		REVISION STATUS CHANGED		15 SEP 68	PW
DC		REVISION STATUS CHANGED		16 DEC 68	LK
DD		REVISION STATUS CHANGED		30 DEC 68	MRY
DE		REVISION STATUS CHANGED		23 JAN 69	JWN
DF		REVISION STATUS CHANGED		27 JAN 69	LK RWM
DG		REVISION STATUS CHANGED		26 SEP 69	DCD

	.193	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA
	.193	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA
	.148	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA
	.148	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA
	.148	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA
	.193	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
	.193	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
	.193	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
	.193	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
	.193	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
	.193	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
	.148	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
	.148	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.815	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
	.148	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
		G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

KOLLSMAN DASH NUMBERS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± / 3 PLACE DECIMALS ± .005 / ANGLES ±	INSTRUMENTATION LAB Cambridge Mass.	MANNED SPACECRAFT CENTER HOUSTON, TEXAS	
DO NOT SCALE THIS DRAWING	DRAWN R. A. JONES 16 JUL 65	NAMEPLATES, APOLLO GSE - GSE (STANDARDS)	
MATERIAL SEE NOTE 11	CHECKED W. KUPFER 22 JUL 65		
AS APPLICABLE NEXT ASSY / USED ON	CONTRACT		
APPLICATION	APPROVAL T. MICHAELS 22 JUL 65 / NASA APPROVAL W. KUPFER 22 JUL 65 / MIT APPROVAL	SIZE J2 / CODE IDENT NO 80230 / 1004260	
		SCALE NONE	SHEET 2 OF 6

1004260 | DG | SHT 2

1004260 DG

1004260 C

1004260 B

SHEET 2 of 6 1004260

2/4/09 4:26 PM

REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDRR 34365		9 JUL 67	RWM
CM		REVISION STATUS CHANGED		18 OCT 67	R.A.W.
CN		REVISION STATUS CHANGED		30 OCT 67	URK
CP		REVISION STATUS CHANGED		6 NOV 67	RWM
CR		REVISION STATUS CHANGED		7 DEC 67	DKD
CS		REVISION STATUS CHANGED		3 JAN 68	RWM
CT		REVISION STATUS CHANGED		7 FEB 68	LK
CU		REVISION STATUS CHANGED		27 FEB 68	URK
CV		REVISION STATUS CHANGED		2 MAY 68	LK
CW		REVISION STATUS CHANGED		3 APR 68	MEV
CY		REVISION STATUS CHANGED		16 APR 68	RW
CZ		REVISION STATUS CHANGED		20 MAY 68	MEV
DA		REVISION STATUS CHANGED		11 JUN 68	MEV
DB		REVISION STATUS CHANGED		25 SEP 68	RWM
DC		REVISION STATUS CHANGED		16 DEC 68	LK
DD		REVISION STATUS CHANGED		30 DEC 68	MEV
DE		REVISION STATUS CHANGED		23 JAN 69	RWM
DF		REVISION STATUS CHANGED		27 JAN 69	LK
DG		REVISION STATUS CHANGED		26 SEP 69	DCD
DH		REVISION STATUS CHANGED		30 OCT 69	LK

	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA
	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA
	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

KOLLSMAN DASH NUMBERS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± .01 3 PLACE DECIMALS ± .005 ANGLES ± 1°	M.I.T. INSTRUMENTATION LAB Cambridge, Mass.	MANNED SPACECRAFT CENTER HOUSTON, TEXAS	
DO NOT SCALE THIS DRAWING	DRAWN R. A. JONES 16 JUL 65	NAME TO BE ASSIGNED	
MATERIAL SEE NOTE 11	CHECKED W. KUPFER 22 JUL 65	NAMEPLATES, APOLLO GSE - GSE (STANDARDS)	
AS APPLICABLE NEXT ASSY / USED ON	CONTRACT	SIZE J2	CODE IDENT NO. 80230
APPLICATION	NASA APPROVAL T. MICHAELS 22 JUL 65	1004260	
APPROVAL	MIT APPROVAL W. KUPFER 22 JUL 65	SCALE NONE	SHEET 2 OF 6

1004260 DH 1004260 C 1004260 B A

085A001

260 CP SHT 2

2 7 1 0 0 0 4 2 6 0

REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDAR 34365		28/67	JWL
CM		REVISION STATUS CHANGED		18 OCT 67	RAW
CN		REVISION STATUS CHANGED		9/ OCT 67	URK
CP		REVISION STATUS CHANGED		6 NOV 67	EHS
CR		REVISION STATUS CHANGED		7 DEC 67	DAB
CS		REVISION STATUS CHANGED		3 JAN 68	JWJ
CT		REVISION STATUS CHANGED		1-FEB 68	LK
CU		REVISION STATUS CHANGED		28 FEB 68	URK
CV		REVISION STATUS CHANGED		27 MAR 68	LK
CW		REVISION STATUS CHANGED		3 APR 68	HRV
CY		REVISION STATUS CHANGED		10 APR 68	RN
CZ		REVISION STATUS CHANGED		25 MAY 68	WK
DA		REVISION STATUS CHANGED		7 JUN 68	WK
DB		REVISION STATUS CHANGED		12 DEC 68	WK
DC		REVISION STATUS CHANGED		16 DEC 68	LK
DD		REVISION STATUS CHANGED		30 DEC 68	WK
DE		REVISION STATUS CHANGED		23 JAN 69	WK
DF		REVISION STATUS CHANGED		27 JAN 69	LK
DG		REVISION STATUS CHANGED		6 FEB 69	RWP
DH		REVISION STATUS CHANGED		25 SEP 69	WK
DJ		REVISION STATUS CHANGED		11 SEP 69	JWJ

.08	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA
.08	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA
.04	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.062	.187	.078	NA	.718	1.375	.187	NA	1.843	.048	.031	.875	.305	NA	.078	.531	.187	NA	.078	.531	.187	NA
.04	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA
.04	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA
.01	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
.01	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
.01	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
.01	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687
.01	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
.01	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA
.01	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
.01	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
.04	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
A	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

KOLLSMAN DASH NUMBERS

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON	MIT INSTRUMENTATION LAB Cambridge Mass.	MANNED SPACECRAFT CENTER HOUSTON, TEXAS	
		2 PLACE ±	3 PLACE ±	DRWN R. A. JONES 16 JUL 65	
		.005		CHKD W. KUPFER 22 JUL 65	NAMEPLATES, APOLLO GEN - GSE (STANDARDS)
		DO NOT SCALE THIS DRAWING		APPROVAL CONTRACT	
AS APPLICABLE		MATERIAL SEE NOTE 11		T. MICHAELS 22 JUL 65 NASA APPROVAL	SIZE J2 CODE IDENT NO 80230 1004260
NEXT ASSY	USED ON			W. KUPFER 22 JUL 65 MIT APPROVAL	SCALE NONE SHEET 2 OF 6
APPLICATION		APPROVAL			

1004 260 DJ SHT 2

1004260 DJ

0854001

SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDRR 34365		9 DEC 67	JNL
CM		REVISION STATUS CHANGED		18 OCT 67	RAW
CN		REVISION STATUS CHANGED		3 OCT 67	JRK
CP		REVISION STATUS CHANGED		6 NOV 67	EWS
CR		REVISION STATUS CHANGED		7 DEC 67	JRK
CS		REVISION STATUS CHANGED		3 JAN 68	JNL
CT		REVISION STATUS CHANGED		5 FEB 68	LK
CU		REVISION STATUS CHANGED		22 FEB 68	JRK
CV		REVISION STATUS CHANGED		27 FEB 68	LK
CW		REVISION STATUS CHANGED		8 APR 68	HKY
CY		REVISION STATUS CHANGED		16 APR 68	AN
CZ		REVISION STATUS CHANGED		25 APR 68	HKY
DA		REVISION STATUS CHANGED		7 JUN 68	HKY
DB		REVISION STATUS CHANGED		14 JUN 68	LK
DC		REVISION STATUS CHANGED		16 OCT 68	LK
DD		REVISION STATUS CHANGED		30 DEC 68	HKY
DE		REVISION STATUS CHANGED		23 JAN 69	LK
DF		REVISION STATUS CHANGED		27 JAN 69	LK
DG		REVISION STATUS CHANGED		14 SEP 70	DCD
DH		REVISION STATUS CHANGED		29 OCT 73	HKY
DJ		REVISION STATUS CHANGED		11 SEP 75	JJJ
DK		REVISION STATUS CHANGED		25 NOV 75	ZP

.156	.093	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	.625	3.375	.187	NA	.156	.531	.453	NA
.156	.093	.156	.187	NA	NA	2.312	1.468	1.187	.906	2.031	NA	.375	.156	NA	1.437	2.750	.437	NA	3.688	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
.156	.093	.156	.187	.125	.156	2.312	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
.078	.046	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
.078	.046	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
.156	.093	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA	NA
.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687	
.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687	
.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687	
.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA	
.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA	
.156	.046	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA	
.156	.046	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.137	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA	
.156	.046	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA	
F	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AE	AH	AJ	AK	AL	AM	AN	AP	AR	

KOLLSMAN DASH NUMBERS

.156	.093	.156	.187	NA	NA	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	NA	3.687	.062	.062	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
.156	.093	.156	.187	.125	.156	2.328	1.468	1.187	.906	2.031	.062	.375	.156	NA	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
.078	.046	.078	.093	NA	NA	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	NA	NA	.048	.031	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
.078	.046	.078	.093	.070	.078	1.164	.734	.593	.453	1.015	.048	.171	.078	NA	.718	1.375	.187	.156	1.843	.048	NA	.875	.320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
.156	.093	.078	NA	NA	NA	1.090	.812	.675	.540	.940	NA	.265	NA	NA	NA	1.375	.218	NA	NA	NA	NA	NA	.375	NA	NA	NA	.180	NA	.078	NA	NA	NA	NA
.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687	
.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687	
.156	.093	.156	.187	.125	.156	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	2.312	3.687	.062	NA	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	3.687	
.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA	
.156	.093	.156	.187	NA	NA	2.250	1.500	1.187	.906	2.031	.093	.375	.156	1.750	1.437	2.750	.437	NA	NA	.062	.062	1.750	.593	.156	1.062	3.812	.156	NA	.156	1.062	.375	NA	
.156	.046	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA	
.156	.046	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.137	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA	
.156	.046	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA	
F	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AE	AH	AJ	AK	AL	AM	AN	AP	AR	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± .005 3 PLACE DECIMALS ANGLES ±	M.I.T. INSTRUMENTATION LAB Cambridge Mass.	MANNED SPACECRAFT CENTER HOUSTON, TEXAS	
DO NOT SCALE THIS DRAWING	DRAWN R. A. JONES 16 JUL 65	NAMEPLATES, APOLLO GSN - GSE (STANDARDS)	
MATERIAL SEE NOTE 11	CHECKED W. KUPFER 22 JUL 65		
AS APPLICABLE NEXT ASSY / USED ON	APPROVAL CONTRACT		
APPLICATION	T. MICHAELS 22 JUL 65 NASA APPROVAL	SIZE J2	CODE IDENT NO. 80230
APPROVAL	W. KUPFER 22 JUL 65 MIT APPROVAL	SCALE NONE	1004260
		SHEET 2 OF 6	

1004260 DK SHT 2

1004260 DK 1004260 C 1004260 B A

0854001 SHEET 2

REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDAR 34365		9 MAR 67	JWL / RWM

	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
2	.031	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
3	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
4	.093	.156	.125	NA	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
7	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
8	.031	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
9	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

RAYTHEON DASH NUMBERS

2	VALUES BELOW																															
3	VALUES BELOW																															
4	VALUES BELOW																															
7	VALUES BELOW																															
8	VALUES BELOW																															
9	VALUES BELOW																															

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± 3 PLACE ± DECIMALS DECIMALS ANGLES ± ± ± .005 ±	MIT INSTRUMENTATION LAB	MANNED SPACECRAFT CENTER HOUSTON, TEXAS
DO NOT SCALE THIS DRAWING	DRAWN R. A. JONES 16 JUL 65	NAMEPLATES, APOLLO GSN - GSE (STANDARDS)
MATERIAL SEE NOTE 11	CHECKED W. KUPPER 22 JUL 65	
AS APPLICABLE / NEXT ASSY / USED ON / APPLICATION	APPROVAL CONTRACT	
APPROVAL	T. MICHAELS 22 JUL 65 NASA APPROVAL	SIZE J2 CODE IDENT NO 80230 — 1004260
	W. KUPPER 22 JUL 65 MIT APPROVAL	SCALE NONE — SHEET 3 OF 6

1004260 CL SHT 3

1004260 C 1004260 B A

2/1004260

1004260 SHEET 3 OF 6

SYM	ZONE	REVISIONS DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV. CK WITHOUT CHANGE PER TDRR 34365		9/28/67	JWL RWM
CM		REVISION STATUS CHANGED		18 OCT 67	R.A.W.

	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
4	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
5	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
6	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

RAYTHEON DASH NUMBERS

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± .005 3 PLACE ± — DECIMALS ANGLES ± —	MIT INSTRUMENTATION LAB	MANNED SPACECRAFT CENTER HOUSTON TEXAS
AS APPLICABLE		DO NOT SCALE THIS DRAWING	DRAWN R. A. JONES 16 JUL 63	NAMEPLATES, APOLLO GEN - GSE (STANDARDS)
NEXT ASSY	USED ON	MATERIAL SEE NOTE 11	CHECKED W. KUPFER 22 JUL 64	
APPLICATION		APPROVAL	APPROVAL	CONTRACT
			T. MICHAELS 22 JUL 64	SIZE J2 CODE IDENT NO 80230 — 1004260
			NASA APPROVAL W. KUPFER 22 JUL 65	SCALE NONE — SHEET 3 OF 6
			MIT APPROVAL	

1004260 | CM | SHT 3

1004260 | CM | C | 1004260 | B | A

SHEET 3 OF 6

0854001

2/1004260

SYM	ZONE	REVISIONS DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDRR 34365		9/30/67	JWL RWM
CM		REVISION STATUS CHANGED		18 OCT 67	RAJ
CN		REVISION STATUS CHANGED		31 OCT 67	JRK

18	VALUES BELOW																													
17	VALUES BELOW																													
17	VALUES BELOW																													
18	VALUES BELOW																													
17	VALUES BELOW																													
18	VALUES BELOW																													
15	VALUES BELOW																													
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18	.031	.078	.093	MIN	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
18	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
18	.093	.156	.125	MIN	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.078	.312	.187	NA
18	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
18	.031	.078	.093	MIN	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.156	.719	.344	NA
18	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843

RAYTHEON DASH NUMBERS

	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± / 3 PLACE DECIMALS ± .005 / ANGLES ±	INSTRUMENTATION LAB	MANNED SPACECRAFT CENTER HOUSTON TEXAS
	DO NOT SCALE THIS DRAWING	DRAWN R A JONES 16 JUL 65	NAMEPLATES, APOLLO GSE - GSE (STANDARDS)
AS APPLICABLE	MATERIAL SEE NOTE 11	CHECKED W KUPFER 22 JUL 65	
NEXT ASSY / USED ON		APPROVAL	
APPLICATION		CONTRACT	
		T MICHAELS 22 JUL 65 NASA APPROVAL	SIZE J2 CODE IDENT NO 80230 — 1004260
		W KUPFER 22 JUL 65 WIT APPROVAL	SCALE NONE — SHEET 3 OF 6

1004260 CN SHT 3

2/1004260

1004260 CN D 1004260 C 1004260 B A

SHEET 3 of 6 1004260

SYMBOL	DESCRIPTION	CHG NO	DATE	APPD
CL	REPLACES REV CK WITHOUT CHANGE PER TDAR 34365		9 AUG 67	JBR
CM	REVISION STATUS CHANGED		18 OCT 67	R A B
CN	REVISION STATUS CHANGED		31 OCT 67	J.R.S.
CP	REVISION STATUS CHANGED		6 NOV 67	R.A.B.

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SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CR WITHOUT CHANGE PER TDAR 34365		9 NOV 67	RAN
CM		REVISION STATUS CHANGED		18 OCT 67	RAN
CN		REVISION STATUS CHANGED		31 OCT 67	RAN
CP		REVISION STATUS CHANGED		6 NOV 67	RAN
CR		REVISION STATUS CHANGED		7 DEC 67	RAN

001	.078	.093	MA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
001	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
003	.156	.125	MA	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
003	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
001	.078	.093	MA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
001	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
P	Q	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AB	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

RAYTHEON DASH NUMBERS

001	.078	.093	MA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
001	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
003	.156	.125	MA	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
003	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
001	.078	.093	MA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
001	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
P	Q	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AB	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE DECIMALS ± 3 PLACE DECIMALS ± ANGLES ± .005		MANNED SPACECRAFT CENTER HOUSTON, TEXAS	
DO NOT SCALE THIS DRAWING		NAMEPLATES, APOLLO GSN - GSE (STANDARDS)	
MATERIAL SEE NOTE H		SIZE J2	CODE IDENT NO 80230
NEXT ASSY	USED ON	1004260	
APPLICATION		SCALE NONE	SHEET 3 OF 6

DRAWN R.A. JONES	16 JUL 65		
CHECKED T. RUPPER	22 JUL 65		
CONTRACT			
T. MICHAELS	22 JUL 65		
MSFA APPROVAL			
W. RUPPER	22 JUL 65		
MIT APPROVAL			

1004260 CR 1004260 C

1004260 SHEET 3

CR SHT 3

27 1004260

SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDAR 34365		9/28/67	RAS
CM		REVISION STATUS CHANGED		10 OCT 67	RAS
CN		REVISION STATUS CHANGED		31 OCT 67	RAS
CP		REVISION STATUS CHANGED		6 DEC 67	RAS
CR		REVISION STATUS CHANGED		7 FEB 68	RAS
CS		REVISION STATUS CHANGED		3 JAN 68	RAS

VALUES BELOW

P	B	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
091	.078	.193	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
091	.078	.193	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
093	.156	.125	NA	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
091	.078	.193	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
091	.078	.193	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

RAYTHEON DASH NUMBERS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON	MIT INSTRUMENTATION LAB	MANNED SPACECRAFT CENTER HOUSTON, TEXAS
2 PLACE DECIMALS ± .005	DRAWN R.A. JONES 18 JUL 65	NAMEPLATES, APOLLO GSN - GSE (STANDARDS)
3 PLACE DECIMALS ANGLES ± ±	CHECKED W. KUPFER 22 JUL 65	
DO NOT SCALE THIS DRAWING	CONTRACT	
MATERIAL SEE NOTE 11	T. MICHAELS 22 JUL 65	SIZE J2 CODE IDENT NO 80230 — 1004260
NEXT ASSY / USED ON	NASA APPROVAL	SCALE NONE — SHEET 3 OF 6
APPLICATION	APPROVAL W. KUPFER 22 JUL 65	

1004260 CS SHT 3

27/1004260

1004260 CS

SHEET 3 OF 6

0054001

SYM	ZONE	REVISIONS DESCRIPTION	CHG NO.	DATE	APPD
CL		REPLACES REV CR WITHOUT CHANGE PER TDRR 34345		9/30/67	RAW
CM		REVISION STATUS CHANGED		18 OCT 67	RAW
CN		REVISION STATUS CHANGED		31 OCT 67	JR
CP		REVISION STATUS CHANGED		6 NOV 67	
CR		REVISION STATUS CHANGED		7 DEC 67	
CS		REVISION STATUS CHANGED		3 JAN 68	JV
CT		REVISED PER TDRR 35526		7 FEB 68	JR

VALUES BELOW

034	.078	.093	TYP	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
034	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
043	.156	.125	TYP	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
043	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
034	.078	.093	TYP	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
034	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

RAYTHEON DASH NUMBERS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± .3 PLACE ± DECIMALS ± ANGLES ± .005 ±	INSTRUMENTATION LAB CAMBRIDGE, MASS.	MANNED SPACECRAFT CENTER HOUSTON TEXAS	
DO NOT SCALE THIS DRAWING	DRAWN R A JONES 16 JUL 65	NAMEPLATES, APOLLO GEN - GSE (STANDARDS)	
MATERIAL SEE NOTE 11	CHECKED W KUPFER 22 JUL 65		
AS APPLICABLE HEAT ABBY USED ON APPLICATION	APPROVAL	CONTRACT	
	T MICHAELS 22 JUL 65 NASA APPROVAL	SIZE J2	CODE IDENT NO 80230
	W KUPFER 22 JUL 65 MIT APPROVAL	SCALE NONE	1004260
			SHEET 3 OF 6

1004260 CT SHT 3

1004260 CT

2711004260

SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDRR 34345		4/28/67	BPL
CM		REVISION STATUS CHANGED		18 OCT 67	RAK
CN		REVISION STATUS CHANGED		31 OCT 67	JRK
CP		REVISION STATUS CHANGED		6 DEC 67	JRK
CR		REVISION STATUS CHANGED		7 FEB 68	JRK
CS		REVISION STATUS CHANGED		3 JAN 68	JRK
CT		REVISED PER TDRR 35526		17 JAN 68	JRK
CU		REVISION STATUS CHANGED		22 FEB 68	JRK

VALUES BELOW

1004	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
051	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
053	.156	.125	NA	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
053	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
051	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

RAYTHEON DASH NUMBERS

	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE DECIMALS ± .005, 3 PLACE DECIMALS ANGLES ±	INSTRUMENTATION LAB	MANNED SPACECRAFT CENTER HOUSTON TEXAS
	DO NOT SCALE THIS DRAWING	DRAWN R A JONES 16 JUL 65	NAMEPLATES, APOLLO GEN - GSE (STANDARDS)
AS APPLICABLE	MATERIAL SEE NOTE 11	CHECKED W RUPPER 22 JUL 65	
NEXT ASSY USED ON		APPROVAL	CONTRACT
APPLICATION		T MICHAELS NASA APPROVAL 22 JUL 65	SIZE J2 CODE IDENT NO 80230 1004260
		W RUPPER MIT APPROVAL 22 JUL 65	SCALE NONE SHEET 3 OF 6

1004260 CU SHT 3

1004260 CU 1004260 1004260 B

SHEET 3 OF 6

1004260

27/1004260

SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TORR 34365		7/28/67	JRN
CM		REVISION STATUS CHANGED		18 OCT 67	RAM
CN		REVISION STATUS CHANGED		31 OCT 67	JRN
CP		REVISION STATUS CHANGED		6 NOV 67	RWB
CR		REVISION STATUS CHANGED		7 FEB 68	RWB
CS		REVISION STATUS CHANGED		3 JAN 68	JRN
CT		REVISED PER TORR 35526		7 MAR 68	RWB
CU		REVISION STATUS CHANGED		22 FEB 68	JRN
CV		REVISION STATUS CHANGED		27 MAR 68	JRN

001	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
093	.156	.125	NA	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
091	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
091	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

RAYTHEON DASH NUMBERS

001	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
093	.156	.125	NA	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
091	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
091	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE 3 PLACE DECIMALS DECIMALS ANGLES ± ± ± .005 DO NOT SCALE THIS DRAWING

MATERIAL SEE NOTE 11

AS APPLICABLE NEXT ASSY USED ON APPLICATION

APPROVALS

U.T.V. INSTRUMENTATION LAB

B. A. JONES DRAWN 8 JUL 69

CHECKED W. KUPFER 22 JUL 69

APPROVAL

CONTRACT

T. MICHAELS 24 JUL 69 NASA APPROVAL

W. KUPFER 12 AUG 69 INT. APPROVAL

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

NAMEPLATES, APOLLO GSE - GSE (STANDARDS)

SIZE J2 | COD IDENT NO 80230 | 1004260

SCALE NONE | SHEET 3 OF 6

1004260 | CV | SHT 3

2/1004260

1004260 CV

1004260 C

1004260 B

1004260 A

SHEET 3 OF 6

SYM	ZONE	REVISIONS DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CR WITHOUT CHANGE PER TDAR 34365		9 NOV 67	JWK
CM		REVISION STATUS CHANGED		18 OCT 67	RAM
CN		REVISION STATUS CHANGED		31 OCT 67	JWK
CP		REVISION STATUS CHANGED		6 NOV 67	JWK
CR		REVISION STATUS CHANGED		7 FEB 68	JWK
CS		REVISION STATUS CHANGED		7 JUN 68	JWK
CT		REVISED PER TDAR 35526		17 JUL 68	JWK
CU		REVISION STATUS CHANGED		22 AUG 68	JWK
CV		REVISION STATUS CHANGED		27 NOV 68	JWK
CW		REVISION STATUS CHANGED		24 DEC 68	JWK

	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
	.093	.187	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
	.125	.187	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
	.093	.187	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

RAYTHEON DASH NUMBERS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ±, 3 PLACE DECIMALS ±.005, ANGLES ±	MIT INSTRUMENTATION LAB	MANNED SPACECRAFT CENTER HOUSTON TEXAS
DO NOT SCALE THIS DRAWING	DRAWN R A JONES 16 JUL 68	NAMEPLATES, APOLLO GEN - GSE (STANDARDS)
MATERIAL SEE NOTE 11	CHECKED W RUPPER 22 JUL 68	
85 APPLICABLE NEXT ASSY / USED ON / APPLICATION	APPROVAL CONTRACT	
	T MICHAELS 22 JUL 68	SIZE J2
	NASA APPROVAL W RUPPER 22 JUL 68	CODE IDENT NO 80230
	MIT APPROVAL	SCALE NONE
		1004260 SHEET 3 OF 6

1004260 CW SHT 3

1004260 CW

1004260

085A0001 REV LTR AC

SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDRR 34345		11 DEC 67	JRL
CM		REVISION STATUS CHANGED		18 OCT 67	RAA
CN		REVISION STATUS CHANGED		3 OCT 67	JRL
CP		REVISION STATUS CHANGED		6 NOV 67	JRL
CR		REVISION STATUS CHANGED		7 DEC 67	JRL
CS		REVISION STATUS CHANGED		3 JAN 68	JRL
CT		REVISED PER TDRR 35526		17 JAN 68	JRL
CU		REVISION STATUS CHANGED		22 FEB 68	JRL
CV		REVISION STATUS CHANGED		8 APR 68	JRL
CW		REVISION STATUS CHANGED		8 APR 68	JRL
CY		REVISED PER TDRR 36028		6 SEP 68	JRL

078	.093	TYP	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
078	.093	LY	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
156	.125	TYP	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
156	.125	LY	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
078	.093	TYP	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.046	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

RAYTHEON DASH NUMBERS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE DECIMALS ± 3 PLACE DECIMALS ± ANGLES ±	INSTRUMENTATION LAB	MANNED SPACECRAFT CENTER HOUSTON, TEXAS	
DO NOT SCALE THIS DRAWING	DRAWN R A JONES 16 JUL 65	NAMEPLATES, APOLLO GSE - GSE (STANDARDS)	
MATERIAL SEE NOTE 11	CHECKED R KUPFER 22 JUL 65		
FINISH	APPROVAL		
AS APPLICABLE	CONTRACT		
NEXT ASSY USED ON	T MICHAELS 22 JUL 65	SIZE J2	CODE IDENT NO 80230
APPLICATION	NASA APPROVAL R KUPFER 22 JUL 65	1004260	
	MIT APPROVAL	SCALE NONE	SHEET 3 OF 6

1004260 CY SHT 3

1004260 1004260 1004260

2/1004260

0054001

SYMBOL	DESCRIPTION	CHG NO	DATE	APPD
CL	REPLACES REV CK WITHOUT CHANGE PER TDRR 29365		9 OCT 67	
CM	REVISION STATUS CHANGED		18 OCT 67	RAB
CN	REVISION STATUS CHANGED		31 OCT 67	JBK
CP	REVISION STATUS CHANGED		6 DEC 67	
CR	REVISION STATUS CHANGED		11 JAN 68	
CS	REVISION STATUS CHANGED		5 JAN 68	
CT	REVISED PER TDRR 35526		19 JAN 68	
CU	REVISION STATUS CHANGED		22 FEB 68	
CV	REVISION STATUS CHANGED		21 MAR 68	
CW	REVISION STATUS CHANGED		28 MAR 68	
CY	REVISED PER TDRR 36028		16 APR 68	
CZ	REVISION STATUS CHANGED		29 MAY 68	

991	975	.093	MA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	MA	.875	.305	.078	.312	1.687	.078	MA	.078	.312	.187	1.843
991	975	.093	MA	MA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	MA	MA	.048	.031	.875	.305	.078	.312	1.687	.078	MA	.078	.312	.187	MA
993	975	.125	MA	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	MA	1.219	.500	.156	.719	3.469	.156	MA	.156	.719	.344	3.875
993	975	.125	MA	MA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	MA	MA	.062	.062	1.219	.500	.156	.719	3.469	.156	MA	.156	.719	.344	MA
991	975	.093	MA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	MA	.875	.305	.078	.312	1.687	.078	MA	.078	.312	.187	1.843
991	975	.093	MA	MA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	MA	MA	.048	.031	.875	.305	.078	.312	1.687	.078	MA	.078	.312	.187	MA
F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

RAYTHEON DASH NUMBERS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: 2 PLACE ± 3 PLACE DECIMALS DECIMALS ANGLES ± ± ± .005 ±	INSTRUMENTATION LAB Cambridge, Mass. DRAWN R. J. JONES 18 JUL 67 CHECKED R. HUTTER 22 JUL 67 APPROVAL CONTRACT	MANNED SPACECRAFT CENTER HOUSTON, TEXAS	NAMEPLATES, APOLLO GSE - GSE (STANDARDS)
DO NOT SCALE THIS DRAWING	ORIGINAL SEE NOTE H T. MICHAELS 22 JUL 67 NASA APPROVAL W. RUPPER 22 JUL 67 MIT APPROVAL	SIZE J2	CODE IDENT NO. 80230
NEXT ASSY	USED ON	SCALE NONE	SHEET 1 OF 6
APPLICATION	APPROVAL		

1004260 CZ SHT 3

2/1004260

0854001

9	6	N	J	K	L	M	R	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
278	.093	NA		.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
278	.093	NA		NA	1.187	.750	.593	.453	1.015	.062	.187	.78	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.697	.078	NA	.078	.312	.187	NA
156	.125	NA		.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
156	.125	NA		NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
278	.093	NA		.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
278	.093	NA		NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

9	6	N	J	K	L	M	R	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
278	.093	NA		.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
278	.093	NA		NA	1.187	.750	.593	.453	1.015	.062	.187	.78	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.697	.078	NA	.078	.312	.187	NA
156	.125	NA		.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
156	.125	NA		NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
278	.093	NA		.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
278	.093	NA		NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

REVISIONS						
REV	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDRR 34345		9/30/67	JWL
CM		REVISION STATUS CHANGED		18 OCT 67	RAS
CN		REVISION STATUS CHANGED		31 OCT 67	
CO		REVISION STATUS CHANGED		6 DEC 67	
CP		REVISION STATUS CHANGED		4 JAN 68	
CQ		REVISED PER TDRR 35526		3 JAN 68	
CR		REVISION STATUS CHANGED		17 JAN 68	
CS		REVISION STATUS CHANGED		5 FEB 68	
CT		REVISED PER TDRR 36028		28 MAR 68	
CU		REVISION STATUS CHANGED		29 MAR 68	
CV		REVISION STATUS CHANGED		9 APR 68	
CW		REVISION STATUS CHANGED		26 APR 68	
CY		REVISED PER TDRR 36028		26 APR 68	
CZ		REVISION STATUS CHANGED		29 MAY 68	
DA		REVISION STATUS CHANGED		17 JUN 68	

RAYTHEON DASH NUMBERS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE DECIMALS ± 3 PLACE DECIMALS ± ANGLES ± .005	MIT INSTRUMENTATION LAB	MANNED SPACECRAFT CENTER HOUSTON, TEXAS	
DO NOT SCALE THIS DRAWING	DRAWN J. J. JONES 8 JUL 68	NAMEPLATES, APOLLO GDN - GSE (STANDARDS)	
MATERIAL SEE NOTE H	CHECKED R. RUPER 22 JUL 68	CONTRACT	
AS APPLICABLE NEXT ASSY USED ON APPLICATION	T. MICHAELS 22 JUL 68 RASA APPROVAL R. RUPER 22 JUL 68 MIT APPROVAL	SIZE J2	CODE IDENT NO 80230
		SCALE NONE	1004260 SHEET 3 OF 6

1004260 DA

1004260 C

1004260 B

0054001

NEXT ASSY 280 | SHT 3

2/1004260

| | | |

SYM	ZONE	REVISIONS DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDRR 34365		9/30/67	JWL RWM
CM		REVISION STATUS CHANGED		18 OCT 67	RAW
CN		REVISION STATUS CHANGED		31 OCT 67	JRK
CP		REVISION STATUS CHANGED		6 NOV 67	EMS
CR		REVISION STATUS CHANGED		7 DEC 67	JRK RWM
CS		REVISION STATUS CHANGED		3 JAN 68	JW EHW
CT		REVISED PER TDRR 35526		7 FEB 68	RS
CU		REVISION STATUS CHANGED		20 FEB 68	JRK
CV		REVISION STATUS CHANGED		27 FEB 68	RS
CW		REVISION STATUS CHANGED		8 APR 68	WHY
CY		REVISED PER TDRR 36028		16 APR 68	EHW
CZ		REVISION STATUS CHANGED		29 MAY 68	WHY
DA		REVISION STATUS CHANGED		17 JUN 68	WHY
DB		REVISION STATUS CHANGED		3 SEP 68	WHY
DC		REVISION STATUS CHANGED		4 DEC 68	LK

E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
.078	.031	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.675	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
.156	.093	.156	.125	NA	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
.156	.093	.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
.078	.031	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

RAYTHEON DASH NUMBERS

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± .005 3 PLACE ANGLES ± —	MIT INSTRUMENTATION LAB Cambridge Mass.	MANNED SPACECRAFT CENTER HOUSTON, TEXAS	
		DO NOT SCALE THIS DRAWING	DRAWN R. A. JONES 16 JUL 65	NAMEPLATES, APOLLO GEN - GSE (STANDARDS)	
AS APPLICABLE		MATERIAL SEE NOTE II	CHECKED W. KUPFER 22 JUL 65		
NEXT ASSY	USED ON		APPROVAL CONTRACT		
APPLICATION		APPROVAL	NASA APPROVAL T. MICHAELS 22 JUL 65	SIZE J2	CODE IDENT NO 80230
			MIT APPROVAL W. KUPFER 22 JUL 65	SCALE NONE	SHEET 3 OF 6

1004260 DC SHT 3

1004260 DC 1004260 C 1004260 B A

SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDRR 34365		9/20/67	NWL
CM		REVISION STATUS CHANGED		18 OCT 67	RAH
CN		REVISION STATUS CHANGED		3 OCT 67	JRK
CP		REVISION STATUS CHANGED		6 NOV 67	RAH
CR		REVISION STATUS CHANGED		7 DEC 67	RAH
CS		REVISION STATUS CHANGED		3 JAN 68	EHH
CT		REVISED PER TDRR 35526		7 FEB 68	EHH
CU		REVISION STATUS CHANGED		22 FEB 68	JRK
CV		REVISION STATUS CHANGED		27 FEB 68	LK
CW		REVISION STATUS CHANGED		6 MAR 68	RAH
CY		REVISED PER TDRR 36028		8 APR 68	EHH
CZ		REVISION STATUS CHANGED		29 MAY 68	RAH
DA		REVISION STATUS CHANGED		17 JUN 68	RAH
DB		REVISION STATUS CHANGED		1 JUL 68	RAH
DC		REVISION STATUS CHANGED		12 JUL 68	LK
DD		REVISION STATUS CHANGED		30 JUL 68	RAH

E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
.078	.031	.078	.093	1/8	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
.156	.093	.156	1.25	1/8	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
.156	.093	.156	1.25	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
.078	.031	.078	.093	1/8	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
.078	.031	.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

RAYTHEON DASH NUMBERS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± 3 PLACE DECIMALS ± 3 PLACE DECIMALS ± ANGLES ± .005 ± — DO NOT SCALE THIS DRAWING	MATERIAL SEE NOTE 11	M.I.T. INSTRUMENTATION LAB Cambridge Mass.	MANNED SPACECRAFT CENTER HOUSTON, TEXAS
		DRAWN A.A. JONES 16 JUL 65	NAMEPLATES, APOLLO GSN - GSE (STANDARDS)
		CHECKED W. KUPFER 22 JUL 65	
		APPROVAL	
AS APPLICABLE NEXT ASSY USED ON APPLICATION		CONTRACT T. MICHAELS 22 JUL 65 NASA APPROVAL W. KUPFER 22 JUL 65 MIT APPROVAL	SIZE J2 CODE IDENT NO 80230 1004260 SCALE NONE SHEET 3 OF 6

1004260 SHT 3

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REVISIONS						
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDRR 34365		9/28/67	JWL RWM
CM		REVISION STATUS CHANGED		18 OCT 67	RAW
CN		REVISION STATUS CHANGED		31 OCT 67	URK
CP		REVISION STATUS CHANGED		6 NOV 67	EWN
CR		REVISION STATUS CHANGED		7 DEC 67	RWM
CS		REVISION STATUS CHANGED		5 JAN 68	EWN
CT		REVISED PER TDRR 35526		7 FEB 68	URK
CU		REVISION STATUS CHANGED		22 FEB 68	URK
CV		REVISION STATUS CHANGED		27 FEB 68	RK
CW		REVISION STATUS CHANGED		8 APR 68	MTY
CY		REVISED PER TDRR 36028		10 APR 68	EWN
CZ		REVISION STATUS CHANGED		29 MAY 68	MTY
DA		REVISION STATUS CHANGED		17 JUN 68	MTY
DB		REVISION STATUS CHANGED		19 SEP 68	RK
DC		REVISION STATUS CHANGED		4 DEC 68	RK
DD		REVISION STATUS CHANGED		3 DEC 68	MTY
DE		REVISION STATUS CHANGED		23 JAN 69	MTY

	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
18 VALUES BELOW	.031	.07	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
17 VALUES BELOW	.031	.07	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
15 VALUES BELOW	.093	.15	.125	NA	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
17 VALUES BELOW	.093	.15	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
18 VALUES BELOW	.031	.07	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
17 VALUES BELOW	.031	.07	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

RAYTHEON DASH NUMBERS

18 VALUES BELOW	.031	.07	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
17 VALUES BELOW	.031	.07	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
15 VALUES BELOW	.093	.15	.125	NA	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
17 VALUES BELOW	.093	.15	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
18 VALUES BELOW	.031	.07	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
17 VALUES BELOW	.031	.07	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDRR 34365		9/30/67	JWL RWM
CM		REVISION STATUS CHANGED		18 OCT 67	RAW
CN		REVISION STATUS CHANGED		31 OCT 67	JBK
CP		REVISION STATUS CHANGED		6 NOV 67	RWS
CR		REVISION STATUS CHANGED		7 DEC 67	JBK RWM
CS		REVISION STATUS CHANGED		3 JAN 68	JW EHW
CT		REVISED PER TDRR 35526		7 FEB 68	LK RCH
CU		REVISION STATUS CHANGED		22 FEB 68	JBK
CV		REVISION STATUS CHANGED		27 FEB 68	LK
CW		REVISION STATUS CHANGED		8 APR 68	WPT
CY		REVISED PER TDRR 36028		16 APR 68	J.H.
CZ		REVISION STATUS CHANGED		29 MAY 68	WPT
DA		REVISION STATUS CHANGED		17 JUN 68	WPT
DB		REVISION STATUS CHANGED		1 OCT 68	
DC		REVISION STATUS CHANGED		4 OCT 68	LK
DD		REVISION STATUS CHANGED		18 DEC 68	WPT
DE		REVISION STATUS CHANGED		28 FEB 69	
DF		REVISION STATUS CHANGED		27 MAY 69	

E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
.078	.031	.0	.093		.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
.078	.031	.0	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
.156	.093	.1	.125		.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
.156	.093	.1	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
.078	.031	.0	.093		.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
.078	.031	.0	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA

RAYTHEON DASH NUMBERS

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± 3 PLACE DECIMALS ± DECIMALS ANGLES ± .005 ±	M.I.T. INSTRUMENTATION LAB Cambridge Mass.	MANNED SPACECRAFT CENTER HOUSTON, TEXAS
		DO NOT SCALE THIS DRAWING	DRAWN R.A. JONES 16 JUL 65	NAMEPLATES, APOLLO GSN - GSE (STANDARDS)
AS APPLICABLE		MATERIAL SEE NOTE 11	CHECKED W. KUPFER 22 JUL 65	
NEXT ASSY	USED ON		APPROVAL	
APPLICATION		APPROVAL	CONTRACT	
			T. MICHAELS 22 JUL 65 NASA APPROVAL	SIZE J2 CODE IDENT NO. 80230 — 1004260
			W. KUPFER 22 JUL 65 MIT APPROVAL	SCALE NONE — SHEET 3 OF 6

1004260 DF SHT 3

1004260 B 1004260 C 1004260 DF D

SHEET 3 of 6

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SYM	ZONE	REVISIONS DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDRR 34365		9/30/67	JWL
CM		REVISION STATUS CHANGED		18 OCT 67	RAW
CN		REVISION STATUS CHANGED		31 OCT 67	JRK
CP		REVISION STATUS CHANGED		6 NOV 67	RWH
CR		REVISION STATUS CHANGED		7 DEC 67	JRK
CS		REVISION STATUS CHANGED		3 JAN 68	JW
CT		REVISED PER TDRR 35526		7 FEB 68	LK
CU		REVISION STATUS CHANGED		22 FEB 68	JRK
CV		REVISION STATUS CHANGED		21 FEB 68	LK
CW		REVISION STATUS CHANGED		8 APR 68	WHY
CY		REVISED PER TDRR 36028		16 APR 68	LH
CZ		REVISION STATUS CHANGED		29 MAY 68	WHY
DA		REVISION STATUS CHANGED		7 JUN 68	WHY
DB		REVISION STATUS CHANGED		14 NOV 68	P-24
DC		REVISION STATUS CHANGED		4 DEC 68	LK
DD		REVISION STATUS CHANGED		5 DEC 68	WJ
DE		REVISION STATUS CHANGED		23 JAN 69	WJ
DF		REVISION STATUS CHANGED		27 JAN 69	LK
DG		REVISION STATUS CHANGED		26 SEP 69	DKD

.078	.093	TYP	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
.156	.125	TYP	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
.078	.093	TYP	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
.078	.093	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

RAYTHEON DASH NUMBERS

AS APPLICABLE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ±, 3 PLACE DECIMALS ±.005, ANGLES ±	M.I.T. INSTRUMENTATION LAB Cambridge, Mass.	MANNED SPACECRAFT CENTER HOUSTON, TEXAS
NEXT ASSY / USED ON	DO NOT SCALE THIS DRAWING	R.A. JONES 16 JUL 65 DRAWN / DATE	NAMEPLATES, APOLLO GEN - GSE (STANDARDS)
APPLICATION	MATERIAL SEE NOTE 11	CHECKED W. KUPFER 22 JUL 65 APPROVAL	
	APPROVAL	CONTRACT	
		T. MICHAELS 22 JUL 65 NASA APPROVAL	SIZE J2 / CODE IDENT NO 80230 / 1004260
		W. KUPFER 22 JUL 65 MIT APPROVAL	SCALE NONE / SHEET 3 OF 6

1004260 DG SHT 3

1004260 DG D 1004260 C 1004260 B A

085A0001 3 NOV 6 7 3346

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.078	.093	NA	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	NA	.875	.305	.078	.312	1.687	.078	NA	NA	.078	.312	.187	1.843
.078	.093	NA	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
.156	.125	NA	NA	.125	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	1.562	3.875	.062	NA	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	3.875
.156	.125	NA	NA	1.625	1.032	.844	.656	1.406	.093	.344	.156	1.781	1.531	2.844	.312	NA	NA	.062	.062	1.219	.500	.156	.719	3.469	.156	NA	.156	.719	.344	NA
.078	.093	NA	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	1.843
.078	.093	NA	NA	NA	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.312	1.687	.078	NA	.078	.312	.187	NA
B	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDRR 34365		9/18/67	JWL RWH
CM		REVISION STATUS CHANGED		18 OCT 67	RAN
CN		REVISION STATUS CHANGED		31 OCT 67	URK
CP		REVISION STATUS CHANGED		6 JAN 67	EWS
CR		REVISION STATUS CHANGED		7 DEC 67	DHE RWH
CS		REVISION STATUS CHANGED		3 JAN 68	JN EWH
CT		REVISED PER TDRR 35536		7 FEB 68	KE RWH
CU		REVISION STATUS CHANGED		20 FEB 68	URK
CV		REVISION STATUS CHANGED		27 FEB 68	KE
CW		REVISION STATUS CHANGED		4 APR 68	WHT
CY		REVISED PER TDRR 36028		9 APR 68	LR
CZ		REVISION STATUS CHANGED		29 MAY 68	WHT
DA		REVISION STATUS CHANGED		7 JUN 68	WHT
DB		REVISION STATUS CHANGED		14 OCT 68	WHT
DC		REVISION STATUS CHANGED		4 DEC 68	LR
DD		REVISION STATUS CHANGED		30 DEC 68	WHT
DE		REVISION STATUS CHANGED		23 JAN 69	WHT
DF		REVISION STATUS CHANGED		27 JAN 69	LR
DG		REVISION STATUS CHANGED		24 FEB 69	DHE
DH		REVISION STATUS CHANGED		28 FEB 69	KY CP

RAYTHEON DASH NUMBERS

AS APPLICABLE		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE DECIMALS ± .005 3 PLACE DECIMALS ANGLES ±	MIT INSTRUMENTATION LAB Cambridge, Mass. DRAWN A. A. JONES 18 JUL 65 CHECKED W. KUPFER 22 JUL 65 APPROVAL
NEXT ASSY	USED ON	DO NOT SCALE THIS DRAWING	CONTRACT
APPLICATION		MATERIAL SEE NOTE 11	T. MICHAELS 22 JUL 65 NASA APPROVAL W. KUPFER 22 JUL 65 MIT APPROVAL

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

NAMEPLATES, APOLLO GEN - GSE (STANDARDS)

SIZE J2 | CODE IDENT NO. 80230 | 1004260

SCALE NONE | SHEET 3 OF 6

1004260 D SHT 3

1004260 D SHT 3

1004260 C

1004260 B

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1004260 DH

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SYM	ZONE	REVISIONS DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDRR 34265		9 FEB 65	JWL / RWH

.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
.078	.048	.078	.093	DIM OMIT	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.830	.070	.275	.180	1.844
E	F1	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

MIT DASH NUMBERS

1004260	CL	SHT 5

AS APPLICABLE			
NEXT ASSY	USED ON		
APPLICATION			

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
2 PLACE ± .01 | 3 PLACE ± .005 | DECIMALS ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL: SEE NOTE 11
APPROVAL

MIT INSTRUMENTATION LAB
R. A. JONES — DRAWN — 15 JUL 65
CHECKED — W. RUPPER — 22 JUL 65
ENGR APPROVAL
CONTRACT
T. MICHAELS — 22 JUL 65
NASA APPROVAL
W. RUPPER — 22 JUL 65
MIT APPROVAL

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

NAMEPLATES, APOLLO GSE - GSE (STANDARDS)

SIZE: J2 | CODE IDENT NO: 80230 | 1004260
SCALE: NONE | SHEET 5 OF 6

1004260 CL

2\1004260

1004260 CL

SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDRR 14765		28 OCT 67	JWL RWH
CM		REVISION STATUS CHANGED		18 OCT 67	R A W

-018	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
-018	.048	.078	.093	SEE NOTE	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.830	.070	.275	.180	1.844
E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

MIT DASH NUMBERS

1004260	CM	SHT 5	

AS APPLICABLE			
NEXT ASSY	USED ON		
APPLICATION			

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ON
2 PLACE DECIMALS ± .01
3 PLACE DECIMALS ± .005
ANGLES ±
DO NOT SCALE THIS DRAWING
MATERIAL: SEE NOTE 11
APPROVAL

MIT INSTRUMENTATION LAB
R A JONES — DRAWN — 16 JUL 65
W. RUPFER — CHECKED — 22 JUL 65
APPROVAL
CONTRACT
T. MICHAELS — NASA APPROVAL — 22 JUL 65
W. RUPFER — MIT APPROVAL — 22 JUL 65

MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

NAMEPLATES, APOLLO GSE - GSE (STANDARDS)

SIZE J2 | CODE IDENT NO 80230 | 1004260

SCALE NONE | SHEET 5 OF 6

2/1004260

0854001

SYM	ZONE	REVISIONS DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TURR 34765		28 JUL 67	JWL RWH
CM		REVISION STATUS CHANGED		18 OCT 67	RAW
CN		REVISION STATUS CHANGED		31 OCT 67	JRK

.178	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.675	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
.178	.048	.078	.093	SEE SHT	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.830	.070	.275	.180	1.844
E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

MIT DASH NUMBERS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± .005 3 PLACE DECIMALS ± .005 ANGLES ± —	INSTRUMENTATION LAB CAMBRIDGE MASS.	MANNED SPACECRAFT CENTER HOUSTON TEXAS	
DO NOT SCALE THIS DRAWING	DRAWN R A JONES 18 JUL 65	NAMEPLATES, APOLLO GEN - GSE (STANDARDS)	
MATERIAL SEE NOTE 11	CHECKED W KUPFER 22 JUL 65		
AS APPLICABLE NEXT ASSY / USED ON APPLICATION	APPROVAL	CONTRACT	
	T MICHAELS 22 JUL 65 NASA APPROVAL	SIZE J2	CODE IDENT NO 80230
	W KUPFER 22 JUL 65 MIT APPROVAL	SCALE NONE	1004260
			SHEET 5 OF 6

1004260 CN SHT 5

2/1004260

1004260 CM

1004260 B

1004260 C

1004260 D

085A001
SHEET 3 OF 3

SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDRR 34765		18 OCT 67	RWM
CM		REVISION STATUS CHANGED		30 OCT 67	RAM
CN		REVISION STATUS CHANGED		3 NOV 67	JRK
CP		REVISION STATUS CHANGED		6 NOV 67	RWM

CL	.042	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.648	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
CM	.044	.078	.093	NA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.648	NA	.875	.305	.078	.312	1.687	.110	1.850	.070	.275	.180	1.844
E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

MIT DASH NUMBERS

	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± .03 3 PLACE DECIMALS ± .010 DECIMALS ANGLES ± 1°	MIT INSTRUMENTATION LAB CAMBRIDGE, MASS.	MANNED SPACECRAFT CENTER HOUSTON, TEXAS		
	DO NOT SCALE THIS DRAWING	MATERIAL SEE NOTE H	DRAWN B A JONES 22 JUL 65	NAMEPLATES, APOLLO GSN - GSE (STANDARDS)	
			CHECKED W RUPPER 22 JUL 65		
			APPROVED	CONTRACT	
AS APPLICABLE			T MICHAELS 22 JUL 65 MSFC APPROVAL	SIZE J2	CODE IDENT NO 80230
NEXT ASSY	USED ON		W RUPPER 22 JUL 65 MIT APPROVAL	SCALE NONE	1004260
APPLICATION		APPROVAL			SHEET 1 OF 5

1004260 CF SHT 5

2/A 1004260

1004260 C

1004260 B

1004260 A

005A001
SHEET 1 OF 5

SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDRR 34765		28 SEP 67	RWB
CM		REVISION STATUS CHANGED		6 OCT 67	RAM
CN		REVISION STATUS CHANGED		5 OCT 67	JRK
CP		REVISION STATUS CHANGED		4 NOV 67	RWB
CP		REVISION STATUS CHANGED		7 DEC 67	RWB

| | | |

SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TORB 34365		18 JUL 67	JWM
CM		REVISION STATUS CHANGED		18 OCT 67	RAW
CN		REVISION STATUS CHANGED		31 OCT 67	JRK
CP		REVISION STATUS CHANGED		6 NOV 67	RAW
CR		REVISION STATUS CHANGED		9 FEB 68	DDP
CS		REVISION STATUS CHANGED		9 JAN 68	RAW

.048	.178	.093	NA	NA	1.125	.750	.583	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.091	.875	.305	.078	.591	1.906	.078	NA	.078	.531	.187	NA
.048	.178	.093	NA	.093	1.187	.750	.583	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.890	.070	.275	.180	1.844
F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

MIT DASH NUMBERS

1004 260	CS	SHT 5

	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± 3 PLACE DECIMALS DECIMALS ANGLES ± ± ± – – .005 –	MIT INSTRUMENTATION LAB Cambridge Mass.	MANNED SPACECRAFT CENTER HOUSTON, TEXAS
	DO NOT SCALE THIS DRAWING	DRAWN B. J. JONES 8 JUL 68	NAMEPLATES, APOLLO GSE - GSE (STANDARDS)
	MATERIAL SEE NOTE 11	CHECKED W. KUPFER 22 JUL 68	
		APPROVAL	
		CONTRACT	
		T. MICHAELS 22 JUL 68	SIZE J2
		NASA APPROVAL	CODE IDENT NO 80230
		W. RUPFER 22 JUL 68	1004260
		MIT APPROVAL	SCALE NONE SHEET 5 OF 6
BS APPLICABLE NEXT ASSY USED ON			
APPLICATION	APPROVAL		

1004260 CS 1004260 A

005A001 Rev B 73048

2/1004260

SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TURR 3-765		29 SEP 67	JUPL RWM
CM		REVISION STATUS CHANGED		18 OCT 67	RAW
CN		REVISION STATUS CHANGED		31 OCT 67	JBK
CP		REVISION STATUS CHANGED		6 NOV 67	RWM
CR		REVISION STATUS CHANGED		9 DEC 67	RWM
CS		REVISION STATUS CHANGED		9 JAN 68	CHM
CT		REVISION STATUS CHANGED		17 JAN 68	RWM

	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
CT	.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
CS	.078	.048	.078	.093	DIA	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.830	.070	.275	.180	1.844

MIT DASH NUMBERS

CT	1.844	.180	.187	.531	.078	.312	.687	.110	1.830	.070	.275	.078	.305	.875	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA	NA	.048	.078	.093	NA
CS	1.844	.180	.187	.531	.078	.312	.687	.110	1.830	.070	.275	.078	.305	.875	.048	NA	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA	.093	1.187	.750	.593	.453

CT	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078
CS	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.830	.070	.275	.180	1.844	.093	1.187	.750	.593	.453	1.015	.062	.187	.078

CT	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218
CS	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.830	.070	.275	.180	1.844	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218

CT	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031
CS	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.830	.070	.275	.180	1.844	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA

CT	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531
CS	.875	.305	.078	.312	1.687	.110	1.830	.070	.275	.180	1.844	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312

CT	1.906	.078	NA	.078	.531	.187	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078
CS	1.687	.110	1.830	.070	.275	.180	1.844	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.830	.070

CT	.531	.187	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA	NA
CS	.275	.180	1.844	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.830	.070	.275	.180	1.844	.093

CT	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA	NA	1.125	.750	.593	.453
CS	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.830	.070	.275	.180	1.844

REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDPR 34365		9 NOV 67	VJL RWM
CM		REVISION STATUS CHANGED		10 OCT 67	RWM
CN		REVISION STATUS CHANGED		31 OCT 67	VJL
CP		REVISION STATUS CHANGED		6 NOV 67	RWM
CR		REVISION STATUS CHANGED		7 DEC 67	RWM
CS		REVISION STATUS CHANGED		1 FEB 68	RWM
CT		REVISION STATUS CHANGED		7 FEB 68	RWM
CU		REVISION STATUS CHANGED		22 FEB 68	VJL

CU	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
CT	.048	.078	.093	SEE NOTE	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.830	.070	.275	.180	1.844
G	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

MIT DASH NUMBERS

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE DECIMALS ± .005 3 PLACE DECIMALS ± ANGLES ±	INSTRUMENTATION LAB CAMBRIDGE MASS.	MANNED SPACECRAFT CENTER HOUSTON TEXAS	
		DO NOT SCALE THIS DRAWING	DRAWN R.A. JONES 16 JUL 65	NAMEPLATES, APOLLO GEN - GSE (STANDARDS)	
AS APPLICABLE		MATERIAL SEE NOTE 11	CHECKED W. KUPFER 22 JUL 65		
NEXT ASSY	USED ON		APPROVAL	CONTRACT	
APPLICATION		APPROVAL	T. MICHAELS 22 JUL 65 NASA APPROVAL	SIZE J2	CODE IDENT NO 80230
			W. KUPFER 22 JUL 65 MIT APPROVAL	SCALE NONE	1004260
					SHEET 5 OF 6

1004260 CU SHT 5

1004260 CU 1004260

1004260 SHEET 5 OF 6

REVISIONS						
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TORB 34765		19 OCT 67	RAM
CM		REVISION STATUS CHANGED		19 OCT 67	RAM
CN		REVISION STATUS CHANGED		24 OCT 67	JRK
CP		REVISION STATUS CHANGED		6 DEC 67	RAM
CR		REVISION STATUS CHANGED		7 FEB 68	RAM
CS		REVISION STATUS CHANGED		19 JAN 68	RAM
CT		REVISION STATUS CHANGED		29 FEB 68	RAM
CU		REVISION STATUS CHANGED		28 FEB 68	RAM
CV		REVISION STATUS CHANGED		27 MAR 68	RAM

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REVISIONS						
SYM	ZONE	DESCRIPTION		CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TURB 34165			19 JUN 67	RWM
CM		REVISION STATUS CHANGED			18 OCT 67	RAM
CN		REVISION STATUS CHANGED			9 OCT 67	RWM
CP		REVISION STATUS CHANGED			2 NOV 67	RWM
CR		REVISION STATUS CHANGED			1 FEB 68	RWM
CS		REVISION STATUS CHANGED			5 MAR 68	RWM
CT		REVISION STATUS CHANGED			9 APR 68	RWM
CU		REVISION STATUS CHANGED			29 AUG 68	RWM
CV		REVISION STATUS CHANGED			9 JAN 69	RWM
CW		REVISION STATUS CHANGED			21 MAR 69	RWM

CL	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
CM	.078	.093	SEE NOTE	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.850	.070	.275	.160	1.844
	A	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

MIT DASH NUMBERS

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± 3 PLACE DECIMALS ± DECIMALS ANGLES ± .005 ±	MIT INSTRUMENTATION LAB Cambridge, Mass.	MANNED SPACECRAFT CENTER HOUSTON, TEXAS	
		DO NOT SCALE THIS DRAWING	DRAWN B. A. JONES 16 JUL 65	NAMEPLATES, APOLLO GSE - GSE (STANDARDS)	
		MATERIAL SEE NOTE 11	CHECKED W. RUPPER 22 JUL 65		
			APPROVAL	CONTRACT	
			T. MICHAELS 22 JUL 65 NASA APPROVAL		
AS APPLICABLE			W. RUPPER 22 JUL 65 MIT APPROVAL	SIZE J2 CODE IDENT NO 80230	1004260
NEXT ASSY	USED ON			SCALE NONE	SHEET 5 OF 6
APPLICATION		APPROVAL			

1004260 CW

1004260 C

1004260 B

085A001 SHT 5 OF 6

NH1004260 CN SHT 5

2711004260

REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TURB 34765		REQ. BY	JWM RWM
CM		REVISION STATUS CHANGED		18 OCT 67	RAM
CV		REVISION STATUS CHANGED		5 OCT 67	JRK
CP		REVISION STATUS CHANGED		6 NOV 67	
CR		REVISION STATUS CHANGED		7 DEC 67	
CS		REVISION STATUS CHANGED		7 DEC 67	
CT		REVISION STATUS CHANGED		7 DEC 67	
CU		REVISION STATUS CHANGED		28 FEB 68	
CV		REVISION STATUS CHANGED		8 MAR 68	
CW		REVISION STATUS CHANGED		20 MAR 68	
CY		REVISION STATUS CHANGED		4 APR 68	

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SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CF		REPLACES REV CK WITHOUT CHANGE PER TWRS 34 3.6.5			
CN		REVISION STATUS CHANGED		10 OCT 67	
CM		REVISION STATUS CHANGED		27 OCT 67	
CP		REVISION STATUS CHANGED		4 DEC 67	
CR		REVISION STATUS CHANGED		7 DEC 67	
CS		REVISION STATUS CHANGED		7 JAN 68	
CT		REVISION STATUS CHANGED		19 JAN 68	
CU		REVISION STATUS CHANGED		23 JAN 68	
CV		REVISION STATUS CHANGED		2 FEB 68	
CW		REVISION STATUS CHANGED		8 MAR 68	
CY		REVISION STATUS CHANGED		16 APR 68	
CZ		REVISION STATUS CHANGED		25 JUN 68	

E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
.250	.063	.078	.093	RA	RA	1.125	.750	.583	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	RA	RA	.048	.091	.875	.305	.078	.531	1.156	.078	RA	.078	.531	.187	RA
.250	.063	.078	.093	REF	.093	1.187	.750	.583	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	RA	.875	.305	.078	.312	1.687	.110	1.890	.078	.275	.180	1.864

MIT DASH NUMBERS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON																																
2 PLACE DECIMALS ±	3 PLACE DECIMALS ±	ANGLES ±																														
—	.005	—																														
DO NOT SCALE THIS DRAWING																																
MATERIAL: SEE SHEET II																																
NEXT ASSY	USED ON																															
APPLICATION																																
APPROVAL																																

DES. INSTRUMENTATION LAB		MANNED SPACECRAFT CENTER HOUSTON, TEXAS	
DRAWN R. A. JONES	15 JUL 65	NAMEPLATES, APOLLO GSN - GSE (STANDARDS)	
CHECKED R. RUPPER	22 JUL 65		
APPROVAL			
CONTRACT			
T. MICHAELS 1ST APPROVAL	22 JUL 65	SIZE J2	CODE IDENT NO. 80230
R. RUPPER 2ST APPROVAL	22 JUL 65	SCALE NONE	1004260
			SHEET 1 OF 5

1004260 CZ SHT 5

2/1004260

1004260 C 1004260 D CZ

0054001

SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TURR 34765		19 OCT 67	RWM
CM		REVISION STATUS CHANGED		19 OCT 67	RWM
CN		REVISION STATUS CHANGED		24 OCT 67	JRK
CP		REVISION STATUS CHANGED		6 NOV 67	RWM
CR		REVISION STATUS CHANGED		9 NOV 67	RWM
CS		REVISION STATUS CHANGED		9 NOV 67	RWM
CT		REVISION STATUS CHANGED		13 NOV 67	RWM
CU		REVISION STATUS CHANGED		29 NOV 67	JRK
CV		REVISION STATUS CHANGED		8 DEC 67	RWM
CW		REVISION STATUS CHANGED		21 DEC 67	JRK
CY		REVISION STATUS CHANGED		16 JAN 68	RWM
CZ		REVISION STATUS CHANGED		29 MAY 68	RWM
DA		REVISION STATUS CHANGED		3 JUN 68	RWM

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AB	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
CL	.218	.469	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.042	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.091	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
CM	.218	.469	.078	.093	REF	.093	1.187	.750	.593	.453	1.015	.042	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.850	.070	.275	.180	1.844

MIT DASH NUMBERS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON	MIT INSTRUMENTATION LAB Cambridge, Mass.	MANNED SPACECRAFT CENTER HOUSTON, TEXAS
2 PLACE ± .01 3 PLACE DECIMALS ± .005 ANGLES ± —	DRAWN T. J. JONES 5 JUL 68	NAMEPLATES, APOLLO GSN - GSE (STANDARDS)
DO NOT SCALE THIS DRAWING	CHECKED R. RUPPER 22 JUL 68	
MATERIAL SEE NOTE 11	CONTRACT T. MICHAELS 22 JUL 68	SIZE J2 CODE IDENT NO. 80230 — 1004260
NEXT ASSY USED ON	NASA APPROVAL W. RUPPER 22 JUL 68	SCALE NONE SHEET 3 OF 6
APPLICATION	MIT APPROVAL	

1004260 DA 3 OF 5

1004260 DA

1004260 C

1004260 B

1004260 A

005 A 001 Add 8 TRANS

2711004260

SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TLPR 3436		20 JUL 67	
CM		REVISION STATUS CHANGED		6 OCT 67	
CN		REVISION STATUS CHANGED		31 OCT 67	
CP		REVISION STATUS CHANGED		6 NOV 67	
CR		REVISION STATUS CHANGED		9 JAN 68	
CS		REVISION STATUS CHANGED		7 JAN 68	
CT		REVISION STATUS CHANGED		29 FEB 68	
CU		REVISION STATUS CHANGED		28 FEB 68	
CV		REVISION STATUS CHANGED		27 MAR 68	
CW		REVISION STATUS CHANGED		3 APR 68	
CY		REVISION STATUS CHANGED		10 APR 68	
CZ		REVISION STATUS CHANGED		23 MAY 68	
DA		REVISION STATUS CHANGED		7 JUN 68	
DB		REVISION STATUS CHANGED		7 JUN 68	

		.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
		.078	.093	REF	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.512	1.687	.110	1.830	.070	.275	.190	1.844
E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

MIT DASH NUMBERS

AS APPLICABLE		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± .03 3 PLACE DECIMALS ± .005 ANGLES ± 1°	MIT INSTRUMENTATION LAB	MANNED SPACECRAFT CENTER HOUSTON, TEXAS	
NEXT ASSY	USED ON	DO NOT SCALE THIS DRAWING	D.A. JONES DRAWN 18 JUL 65	NAMEPLATES, APOLLO GSN - GSE (STANDARDS)	
APPLICATION		MATERIAL SEE NOTE 11	CHECKED W RUPPER APPROVAL 22 JUL 65	CONTRACT	
		APPROVAL	T. MICHAELS NASA APPROVAL 22 JUL 65	SIZE J2	CODE IDENT NO 80230
			W RUPPER QUALITY APPROVAL 22 JUL 65	SCALE NONE	SHEET 5 OF 6

1004260 | SHT 5

1004260 | C | 1004260 | DB

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SYM	ZONE	REVISIONS DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TURR 34365		28/10/67	JWL RWH
CM		REVISION STATUS CHANGED		18 OCT 67	RAW
CN		REVISION STATUS CHANGED		31 OCT 67	JRK
CP		REVISION STATUS CHANGED		6 NOV 67	RWS
CR		REVISION STATUS CHANGED		7 DEC 67	DAR RWH
CS		REVISION STATUS CHANGED		1 JAN 68	RWH
CT		REVISION STATUS CHANGED		7 FEB 68	RP RWH
CU		REVISION STATUS CHANGED		22 FEB 68	JRK
CV		REVISION STATUS CHANGED		27 MAR 68	KH
CW		REVISION STATUS CHANGED		8 APR 68	WRY
CY		REVISION STATUS CHANGED		16 APRIL 68	WRY
CZ		REVISION STATUS CHANGED		23 MAY 68	WRY
DA		REVISION STATUS CHANGED		7 JUNE 68	WRY
DB		REVISION STATUS CHANGED		22 DEC 68	DWH
DC		REVISION STATUS CHANGED		6 DEC 72	LE

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SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TDRR 34365		28 JUL 67	RWM
CM		REVISION STATUS CHANGED		2 OCT 67	R.A.W.
CN		REVISION STATUS CHANGED		2 OCT 67	JRK
CP		REVISION STATUS CHANGED		6 NOV 67	RWM
CR		REVISION STATUS CHANGED		7 DEC 67	DDB RWM
CS		REVISION STATUS CHANGED		7 JAN 68	RWM
CT		REVISION STATUS CHANGED		7 FEB 68	RWM
CU		REVISION STATUS CHANGED		29 FEB 68	JRK
CV		REVISION STATUS CHANGED		27 MAR 68	JRK
CW		REVISION STATUS CHANGED		2 APR 68	RWM
CY		REVISION STATUS CHANGED		9 APR 68	RJP
CZ		REVISION STATUS CHANGED		28 MAY 68	RWM
DA		REVISION STATUS CHANGED		7 JUN 68	RWM
DB		REVISION STATUS CHANGED		3 SEP 68	RWM
DC		REVISION STATUS CHANGED		6 SEP 68	LC
DD		REVISION STATUS CHANGED		30 SEP 68	RWM

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REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO.	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TURR 34365		28 NOV 67	RWH
CM		REVISION STATUS CHANGED		18 OCT 67	RAW
CN		REVISION STATUS CHANGED		31 OCT 67	JRK
CP		REVISION STATUS CHANGED		6 NOV 67	
CR		REVISION STATUS CHANGED		7 DEC 67	
CS		REVISION STATUS CHANGED		7 JAN 68	
CT		REVISION STATUS CHANGED		7 FEB 68	
CU		REVISION STATUS CHANGED		22 FEB 68	
CV		REVISION STATUS CHANGED		27 FEB 68	
CW		REVISION STATUS CHANGED		2 APR 68	
CY		REVISION STATUS CHANGED		16 APR 68	
CZ		REVISION STATUS CHANGED		23 MAY 68	
DA		REVISION STATUS CHANGED		31 JUN 68	
DB		REVISION STATUS CHANGED		13 DEC 68	
DC		REVISION STATUS CHANGED		5 DEC 68	
DD		REVISION STATUS CHANGED		30 DEC 68	
DE		REVISION STATUS CHANGED		23 JAN 69	

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SYM	ZONE	DESCRIPTION	CHG NO.	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TURR 34365		28 JUL 67	RWH
CM		REVISION STATUS CHANGED		2 OCT 67	RWH
CN		REVISION STATUS CHANGED		4 OCT 67	RWH
CP		REVISION STATUS CHANGED		6 NOV 67	RWH
CR		REVISION STATUS CHANGED		7 DEC 67	RWH
CS		REVISION STATUS CHANGED		7 JAN 68	RWH
CT		REVISION STATUS CHANGED		7 FEB 68	RWH
CU		REVISION STATUS CHANGED		22 FEB 68	RWH
CV		REVISION STATUS CHANGED		2 APR 68	RWH
CW		REVISION STATUS CHANGED		8 APR 68	RWH
CY		REVISION STATUS CHANGED		16 APR 68	RWH
CZ		REVISION STATUS CHANGED		23 MAY 68	RWH
DA		REVISION STATUS CHANGED		7 JUN 68	RWH
DB		REVISION STATUS CHANGED		14 DEC 68	RWH
DC		REVISION STATUS CHANGED		14 DEC 68	RWH
DD		REVISION STATUS CHANGED		30 DEC 68	RWH
DE		REVISION STATUS CHANGED		23 JAN 69	RWH
DF		REVISION STATUS CHANGED		27 JAN 69	RWH

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REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO.	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TURR 3439s5		20 JUL 67	JUL RWH
CM		REVISION STATUS CHANGED		18 OCT 67	RAW "
CN		REVISION STATUS CHANGED		31 OCT 67	JRK RWH
CP		REVISION STATUS CHANGED		6 NOV 67	VDS RWH
CR		REVISION STATUS CHANGED		1 DEC 67	DAK RWH
CS		REVISION STATUS CHANGED		3 JAN 68	" " RWH
CT		REVISION STATUS CHANGED		7 FEB 68	KR RWH
CU		REVISION STATUS CHANGED		22 FEB 68	JRK JRK
CV		REVISION STATUS CHANGED		27 FEB 68	KR JRK
CW		REVISION STATUS CHANGED		28 MAR 68	MRY JRK
CY		REVISION STATUS CHANGED		16 APRIL 68	MRY RWH
CZ		REVISION STATUS CHANGED		22 MAY 68	MRY RWH
DA		REVISION STATUS CHANGED		7 JUN 68	MRY RWH
DB		REVISION STATUS CHANGED		3 OCT 68	SWJ RWH
DC		REVISION STATUS CHANGED		6 DEC 68	KR "
DD		REVISION STATUS CHANGED		30 DEC 68	MRY "
DE		REVISION STATUS CHANGED		23 JAN 69	" "
DF		REVISION STATUS CHANGED		27 JAN 69	KR RWH
DG		REVISION STATUS CHANGED		26 FEB 69	SPD RWH

SYM	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
CL	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
CM	.078	.093	SEE NOTE	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.830	.070	.275	.180	1.844

MIT DASH NUMBERS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± / 3 PLACE DECIMALS ± .005 / ANGLES ±	MIT INSTRUMENTATION LAB Cambridge Mass.	MANNED SPACECRAFT CENTER HOUSTON, TEXAS		
DO NOT SCALE THIS DRAWING	DRAWN R.A. JONES 16 JUL 65	NAMEPLATES, APOLLO GSE - GSE (STANDARDS)		
MATERIAL SEE NOTE 11	CHECKED W. KUPFER 22 JUL 65	CONTRACT		
AS APPLICABLE NEXT ASSY / USED ON	T. MICHAELS 22 JUL 65	NASA APPROVAL	SIZE J2	CODE IDENT NO. 80230
APPLICATION	APPROVAL W. KUPFER 22 JUL 65	MIT APPROVAL	SCALE NONE	1004260
				SHEET 5 OF 6

1004260 DG SHT 5

1004260 DG

1004260 C

1004260 B

1004260 A

SHEET 2 OF 3

1004260

REVISIONS						
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TURR 34365		8 DEC 67	JWL
CM		REVISION STATUS CHANGED		18 OCT 67	JAV
CN		REVISION STATUS CHANGED		31 OCT 67	JRK
CP		REVISION STATUS CHANGED		6 NOV 67	DWS
CR		REVISION STATUS CHANGED		7 DEC 67	DWS
CS		REVISION STATUS CHANGED		3 JAN 68	EHN
CT		REVISION STATUS CHANGED		7 FEB 68	EJV
CU		REVISION STATUS CHANGED		22 FEB 68	JAM
CV		REVISION STATUS CHANGED		27 FEB 68	CK
CW		REVISION STATUS CHANGED		2 APR 68	MV
CY		REVISION STATUS CHANGED		16 APR 68	HN
CZ		REVISION STATUS CHANGED		23 MAY 68	MV
DA		REVISION STATUS CHANGED		7 JUN 68	MV
DB		REVISION STATUS CHANGED		14 JUN 68	DWS
DC		REVISION STATUS CHANGED		16 AUG 68	LK
DD		REVISION STATUS CHANGED		30 SEP 68	MV
DE		REVISION STATUS CHANGED		28 OCT 68	MV
DF		REVISION STATUS CHANGED		27 NOV 68	LK
DG		REVISION STATUS CHANGED		16 DEC 68	MV

.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
.078	.093	.305	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.830	.070	.275	.180	1.844
G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

MIT DASH NUMBERS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± .01 3 PLACE DECIMALS ± .005 ANGLES ± 1°	MIT INSTRUMENTATION LAB CAMBRIDGE MASS.	MANNED SPACECRAFT CENTER HOUSTON, TEXAS			
DO NOT SCALE THIS DRAWING	DRAWN R.A. JONES 16 JUL 65	NAMEPLATES, APOLLO GEN - GSE (STANDARDS)			
MATERIAL SEE NOTE 11	CHECKED W. KUPFER 22 JUL 65				
AS APPLICABLE	APPROVAL	CONTRACT			
NEXT ASSY	USED ON	T. MICHAELS 22 JUL 65	SIZE J2	CODE IDENT NO. 80230	1004260
APPLICATION	APPROVAL	NASA APPROVAL W. KUPFER 22 JUL 65	SCALE NONE		SHEET 5 OF 6
		MIT APPROVAL			

1004260 | C | SHT 5

1004260 C

005A001 3 of 6 T39118

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SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TURR 3436S		28/67	JULL RWH
CM		REVISION STATUS CHANGED		18 OCT 67	RAW
CN		REVISION STATUS CHANGED		31 OCT 67	URK
CP		REVISION STATUS CHANGED		6 NOV 67	RWH
CR		REVISION STATUS CHANGED		7 DEC 67	RWH
CS		REVISION STATUS CHANGED		9 JAN 68	
CT		REVISION STATUS CHANGED		9 FEB 68	LK
CU		REVISION STATUS CHANGED		28 FEB 68	URK
CV		REVISION STATUS CHANGED		27 MAR 68	LK
CW		REVISION STATUS CHANGED		24 APR 68	WH
CY		REVISION STATUS CHANGED		16 APRIL 68	
CZ		REVISION STATUS CHANGED		28 MAY 68	WH
DA		REVISION STATUS CHANGED		14 JUN 68	WH
DB		REVISION STATUS CHANGED		19 SEP 68	DWH
DC		REVISION STATUS CHANGED		6 DEC 68	LK
DD		REVISION STATUS CHANGED		30 DEC 68	WH
DE		REVISION STATUS CHANGED		28 JAN 69	
DF		REVISION STATUS CHANGED		27 MAR 69	LK
DG		REVISION STATUS CHANGED		16 SEP 69	LK
DH		REVISION STATUS CHANGED		24 NOV 69	WH
DJ		REVISION STATUS CHANGED		30 JUL 70	

.078	-8	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
.078	-8	.078	.093	ONE DIM	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.830	.070	.275	.180	1.844
E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

MIT DASH NUMBERS

1004	260	--	SHT 5																												
9		8		7		6		5		4		3		2		1															

1004	260	--	SHT 5																												
9		8		7		6		5		4		3		2		1															

AS APPLICABLE		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± / 3 PLACE DECIMALS ± .005 / ANGLES ± — DO NOT SCALE THIS DRAWING	MIT INSTRUMENTATION LAB CAMBRIDGE MASS. DRAWN R.A. JONES 16 JUL 65 CHECKED W. KUPPER 22 JUL 65 APPROVAL CONTRACT
NEXT ASSY	USED ON	MATERIAL SEE NOTE 11	T. MICHAELS 22 JUL 65 NASA APPROVAL W. KUPPER 22 JUL 65 MIT APPROVAL
APPLICATION		APPROVAL	

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

NAMEPLATES, APOLLO GSN - GSE (STANDARDS)

SIZE J2 | CODE IDENT NO. 80230 | 1004260

SCALE NONE | SHEET 5 OF 6

1004260 DJ

1004260 C

1004260 B

1004260 A

SHEET 5 OF 6

2431004260

REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITHOUT CHANGE PER TURR 34365		28 JUL 67	JWL RWM
CM		REVISION STATUS CHANGED		6 OCT 67	RAW
CN		REVISION STATUS CHANGED		31 OCT 67	JRK
CP		REVISION STATUS CHANGED		6 NOV 67	RWM
CR		REVISION STATUS CHANGED		9 JAN 68	DDB
CS		REVISION STATUS CHANGED		9 JAN 68	LK
CT		REVISION STATUS CHANGED		7 FEB 68	LK
CU		REVISION STATUS CHANGED		22 FEB 68	JRK
CV		REVISION STATUS CHANGED		27 FEB 68	LK
CW		REVISION STATUS CHANGED		8 APR 68	MWT
CY		REVISION STATUS CHANGED		16 APR 68	MWT
CZ		REVISION STATUS CHANGED		23 MAY 68	MWT
DA		REVISION STATUS CHANGED		7 JUN 68	MWT
DB		REVISION STATUS CHANGED		18 JUN 68	JRK
DC		REVISION STATUS CHANGED		6 AUG 68	LK
DD		REVISION STATUS CHANGED		30 SEP 68	MWT
DE		REVISION STATUS CHANGED		23 OCT 68	JRK
DF		REVISION STATUS CHANGED		27 JAN 69	LK
DG		REVISION STATUS CHANGED		26 FEB 69	LK
DH		REVISION STATUS CHANGED		24 MAR 69	MWT
DJ		REVISION STATUS CHANGED		30 JUN 69	JRK
DK		REVISION STATUS CHANGED		25 NOV 70	RWM

SYM	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR
	.078	.093	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
	.078	.093	.078	.093	.093	.093	1.187	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	1.156	1.843	.048	NA	.875	.305	.078	.312	1.687	.110	1.830	.070	.275	.180	1.844

MIT DASH NUMBERS

1004260																																				

REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITH CHANGE PER TORR 34262		9/28/67	J.W. KUPER RWH

DASH 550 VALUES

DASH 534 VALUES

DASH 181 VALUES

DASH 141 VALUES

DASH 141 VALUES

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SYM	ZONE	REVISIONS DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITH CHANGE PER TDRR 34395		9/28/67	JPL RWM
CM		REVISED PER TDRR 34395		17 OCT 67	RAM

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REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITH CHANGE PER TDRR 34395		6 JUL 67	RWM
CM		REVISED PER TDRR 34395		17 OCT 67	RWM
CN		REVISED PER TDRR 34467		31 OCT 67	JRK

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SYMBOL	DESCRIPTION	CHG NO	DATE	APPD
CL	REPLACES REV CK WITH CHANGE PER TDRR 34365		9 FEB 67	
CM	REVISED PER TDRR 34396		17 OCT 67	
CN	REVISED PER TDRR 34467		30 OCT 67	
CP	REVISED PER TDRR 34885		4 APR 68	
CR	REVISED PER TDRR 35164		1968	

DASH 535 VALUES
DASH 542 VALUES
DASH 500 VALUES

DASH 500 VALUES
DASH 501
DASH 501
DASH 534
DASH 535
DASH 4 VALUES
DASH 534 VALUES
DASH 101 VALUES
DASH 141 VALUES

DASH 141 VALUES
DASH 500 VALUES

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REVISIONS					
SYMBOL	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITH CHANGE PER TDRR 34365		4/APR/67	[illegible]
CM		REVISED PER TDRR 34896		17 OCT 67	WAR [illegible]
CN		REVISED PER TDRR 34667		31 OCT 67	JRK [illegible]
CP		REVISED PER TDRR 34855		4 DEC 67	[illegible]
CR		REVISED PER TDRR 35164		7 MAR 68	[illegible]
CS		REVISED PER TDRR 35307		3 APR 68	[illegible]

DASH 535 VALUES

DASH 542 VALUES

DASH 500 VALUES

DASH 550 VALUES

DASH 181

DASH 181

DASH 181

DASH 534

DASH 500

DASH 500

DASH 141 VALUES

DASH 534 VALUES

DASH 181 VALUES

DASH 141 VALUES

DASH 141 VALUES

DASH 500 VALUES

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SYM	ZONE	REVISIONS DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITH CHANGE PER TDRR 34395		6/2/67	VPL RWH
CM		REVISED PER TDRR 34395		17 OCT 67	RAM
CN		REVISED PER TDRR 34467		31 OCT 67	VPL RWH
CP		REVISED PER TDRR 34855		6 DEC 67	VPL RWH
CR		REVISED PER TDRR 35164		7 FEB 68	VPL RWH
CS		REVISED PER TDRR 35307		5 JAN 68	VPL RWH
CT		REVISION STATUS CHANGED		7 FEB 68	VPL RWH

DASH 535 VALUES
DASH 542 VALUES
DASH 500 VALUES

DASH 550 VALUES
DASH 181
DASH 181
DASH 181
DASH 534
DASH 500
DASH 500

DASH 141 VALUES
DASH 534 VALUES
DASH 181 VALUES
DASH 141 VALUES

DASH 141 VALUES
DASH 500 VALUES

.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
.093	.031	.06	.093	33	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
.125	.062	.12	.156	4	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
.093	.031	.06	.093	33	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
.125	.062	.188	.156	NA	NA	1.750	1.125	.906	.688	1.500	NA	.281	.125	NA	1.094	2.062	.312	NA	2.500	.062	.125	1.312	.469	NA	NA	NA	.156	NA	.125	.469	.344	NA
.093	.031	.06	.093	33	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
.093	.031	.06	.093	4	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.25	1.938
.093	.031	.06	.093	33	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
.125	.062	.12	.156	4	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
.093	.031	.06	.093	33	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
.093	.031	.06	.093	33	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
.125	.062	.12	.156	4	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
.093	.031	.06	.093	33	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
.093	.031	.06	.093	33	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
.125	.062	.12	.156	4	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
.093	.031	.06	.093	33	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938

DASH 500 VALUES BELOW

.125	.031	.125	.156	.125	.125	1.718	1.187	.968	.749	1.452	.093	.295	.090	1.312	1.00	2.000	.250	1.687	2.750	.062	NA	NA	.463	.125	.562	2.437	.140	2.562	.090	.468	.359	2.750
.093	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA

DASH 508 VALUES BELOW
DASH 508 VALUES BELOW
DASH 508 VALUES BELOW
DASH 508 VALUES BELOW
DASH 504 VALUES BELOW
DASH 500 VALUES BELOW
DASH 502 VALUES BELOW
DASH 508 VALUES BELOW

DASH 508 VALUES BELOW

.093	.031	.06	.093	33	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938

DASH 508 VALUES BELOW
DASH 508 VALUES BELOW
DASH 500 VALUES BELOW
DASH 500 VALUES BELOW

.078	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

DASH 500 VALUES BELOW

.093	.031	.06	.093	33	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
.093	.031	.06	.093	33	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
.093	.031	.06	.093	33	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
.093	.031	.06	.093	33	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
.125	.062	.12	.156	4	.125	1.625	1.140	.880	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875

B	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

AC ELECTRONICS DASH NUMBERS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE DECIMALS ±, 3 PLACE DECIMALS ±.005, ANGLES ± — DO NOT SCALE THIS DRAWING	DTY INSTRUMENTATION LAB	MANNED SPACECRAFT CENTER HOUSTON TEXAS
	R A JONES 16 JUL 65 DRAWN DATE	NAMEPLATES, APOLLO GEN - GSE (STANDARDS)
	CHECKED W KUPFER 22 JUL 65 APPROVAL	
AS APPLICABLE NEXT ASSY USED ON APPLICATION	MATERIAL SEE NOTE 11	T MICHAELS 22 JUL 65 NASA APPROVAL
	APPROVAL	W KUPFER 22 JUL 65 MIT APPROVAL
	CONTRACT	SIZE J2 CODE IDENT NO 80230 — 1004260
		SCALE NONE — SHEET 6 OF 6

1004260 | CT | SHT 6

1004260 | CT | 1004260 | B | 1004260 | A

2X 1004260

SYM	ZONE	REVISIONS DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITH CHANGE PER TDRR 34365		11/26/67	JPL
CM		REVISED PER TDRR 34895		17 OCT 67	RAM
CN		REVISED PER TDRR 34667		31 OCT 67	JRK
CP		REVISED PER TDRR 34855		6 NOV 67	JRK
CR		REVISED PER TDRR 35164		7 DEC 67	JRK
CS		REVISED PER TDRR 35307		3 JAN 68	RAM
CT		REVISION STATUS CHANGED		9 FEB 68	RAM
CU		REVISED PER TDRR 35628		22 FEB 68	JRK

DASH 335 VALUES
DASH 342 VALUES
DASH 350 VALUES

DASH 550 VALUES
DASH 181
DASH 181
DASH 181
DASH 534
DASH 500
DASH 500

DASH 41 VALUES
DASH 534 VALUES
DASH 161 VALUES
DASH 161 VALUES

DASH 161 VALUES
DASH 500 VALUES

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SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITH CHANGE PER TDRR 34365		9/28/67	[illegible]
CM		REVISED PER TDRR 34898		17 OCT 67	RAM
CN		REVISED PER TDRR 34667		31 OCT 67	JRK
CP		REVISED PER TDRR 34855		6 DEC 67	[illegible]
CR		REVISED PER TDRR 35164		[illegible]	[illegible]
CS		REVISED PER TDRR 35307		[illegible]	[illegible]
CT		REVISION STATUS CHANGED		[illegible]	[illegible]
CU		REVISED PER TDRR 35628		[illegible]	[illegible]
CV		REVISED PER TDRR 35675		[illegible]	[illegible]

DASH 838 VALUES
DASH 542 VALUES
DASH 500 VALUES

DASH 880 VALUES
181
181
181
334
500
500
141 VALUES
334 VALUES
181 VALUES
141 VALUES

DASH 141 VALUES
DASH 508 VALUES

.078	.044	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA	

REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITH CHANGE PER TDRR 34795		9/28/67	
CM		REVISED PER TDRR 34896		27 OCT 67	
CN		REVISED PER TDRR 34967		31 OCT 67	
CP		REVISED PER TDRR 34833		6 NOV 67	
CR		REVISED PER TDRR 35164		7 DEC 67	
CS		REVISED PER TDRR 35307		5 JAN 68	
CT		REVISION STATUS CHANGED		5 JAN 68	
CU		REVISED PER TDRR 35628		26 FEB 68	
CV		REVISED PER TDRR 35675		27 FEB 68	
CW		REVISED PER TDRR 35970		28 MAR 68	

VALUES
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	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA
	.06	.093	NA	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.936
	.2	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
	.06	.093	NA	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
	.100	.156	NA	NA	1.750	1.125	.906	.688	1.500	NA	.28	.125	NA	1.054	2.062	.312	NA	2.500	.062	.125	1.312	.469	NA	NA	NA	.156	NA	.125	.469	.344	NA
	.06	.093	NA	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.25	1.938
	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
	.06	.093	NA	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
	.06	.093	NA	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
	.06	.093	NA	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA
	.06	.093	NA	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875
	.06	.093	NA	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
	.06	.093	NA	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938

LUES BELOW
LUES BELOW

	.125	.156	.125	.125	1.718	1.187	.968	.749	1.452	.093	.295	.090	1.312	1.00	2.000	.250	1.687	2.750	.062	NA	NA	.463	.125	.562	2.437	.140	2.562	.090	.468	.359	2.750
	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA

LUES BELOW
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	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938

LUES BELOW
LUES BELOW
LUES BELOW
LUES BELOW
LUES BELOW

	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA

LUES BELOW

	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
	.06	.093		.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938
	.12	.156		.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875

G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR

AC ELECTRONICS DASH NUMBERS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ± 3 PLACE DECIMALS ± DECIMALS ± ANGLES ± .005	INSTRUMENTATION LAB	MANNED SPACECRAFT CENTER HOUSTON, TEXAS			
DO NOT SCALE THIS DRAWING	DRAWN R A JONES 16 JUL 65	NAMEPLATES, APOLLO GSE - GSE (STANDARDS)			
MATERIAL SEE NOTE H	CHECKED W KUPFER 22 JUL 65				
FINISH	CONTRACT				
NEXT ASSY USED ON APPLICATION	T MICHAELS 22 JUL 65 NASA APPROVAL	SIZE J2	CODE IDENT NO 80230	1004260	
	W KUPFER 22 JUL 65 MIT APPROVAL	SCALE NONE		SHEET 6 OF 6	

1004260 CW SHT 6

1004260 CW

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SYM	DESCRIPTION	CHG NO	DATE	APPD
CL	REPLACES REV CK WITH CHANGE PER TDRR 34268		4 OCT 67	
CM	REVISED PER TDRR 34896		19 OCT 67	
CN	REVISED PER TDRR 35467		31 OCT 67	
CP	REVISED PER TDRR 34686		8 DEC 67	
CR	REVISED PER TDR R 35164		7 FEB 68	
CS	REVISED PER TDRR 35307		5 MAR 68	
CT	REVISION STATUS CHANGED		6 MAR 68	
CU	REVISED PER TDRR 35638		25 MAR 68	
CV	REVISED PER TDRR 35675		27 MAR 68	
CW	REVISED PER TDRR 35970		24 APR 68	
CY	REVISION STATUS CHANGED		16 MAY 68	
CZ	REVISED PER TDRR 36248		23 JUN 68	

| | | |

SYMBOL	ZONE	REVISIONS DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITH CHANGE PER TDRR 34295		28 JUL 65	
CM		REVISED PER TDRR 34395		17 OCT 65	RAM
CN		REVISED PER TDRR 34467		30 OCT 65	
CP		REVISED PER TDRR 34885		29 DEC 65	
CR		REVISED PER TDRR 35164		7 FEB 66	
CS		REVISED PER TDRR 35307		3 MAR 66	
CT		REVISION STATUS CHANGED		9 MAR 66	
CU		REVISED PER TDRR 35628		29 MAR 66	
CV		REVISED PER TDRR 35675		31 MAR 66	
CW		REVISED PER TDRR 36570		8 JUL 66	
CY		REVISION STATUS CHANGED		1 AUG 66	
CZ		REVISED PER TDRR 36248		23 AUG 66	
DA		REVISED PER TDRR 36384		7 SEP 66	

SEE DASH 525 VALUES
SEE DASH 542 VALUES
SEE DASH 510 VALUES

SEE DASH 550 VALUES
SEE DASH 181
SEE DASH 181
SEE DASH 181
SEE DASH 534
SEE DASH 500
SEE DASH 500
SEE DASH 141 VALUES
SEE DASH 534 VALUES
SEE DASH 181 VALUES
SEE DASH 141 VALUES

SEE DASH 141 VALUES
SEE DASH 508 VALUES

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SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITH CHANGE PER TDRR 34357		4 FEB 65	
CM		REVISED PER TDRR 34895		17 OCT 64	
CN		REVISED PER TDRR 34467		30 OCT 64	
CP		REVISED PER TDRR 34855		4 DEC 64	
CR		REVISED PER TDRR 35164		7 JAN 65	
CS		REVISED PER TDRR 35337		8 JAN 65	
CT		REVISION STATUS CHANGED		15 JAN 65	
CU		REVISED PER TDRR 35628		28 JAN 65	
CV		REVISED PER TDRR 35675		29 JAN 65	
CW		REVISED PER TDRR 35970		8 FEB 65	
CX		REVISION STATUS CHANGED		9 FEB 65	
CZ		REVISED PER TDRR 36248		23 MAR 65	
DA		REVISED PER TDRR 36384		7 APR 65	
DB		REVISED PER TDRR 36741		8 JUL 65	

DASH 535 VALUES
DASH 542 VALUES
DASH 540 VALUES

DASH 550 VALUES
DASH 181
DASH 181
DASH 181
DASH 534
DASH 500
DASH 500

DASH 161 VALUES
DASH 534 VALUES
DASH 161 VALUES
DASH 161 VALUES

DASH 161 VALUES
DASH 500 VALUES

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| SEE DASH 4 VALUES BELOW | | |

REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITH CHANGE PER TDRR 34365		6/24/67	WHH
CM		REVISED PER TDRR 34395		17 OCT 67	RAM
CN		REVISED PER TDRR 34467		31 OCT 67	WRK
CP		REVISED PER TDRR 34855		6 FEB 67	EWS
CR		REVISED PER TDRR 35164		7 DEC 67	WHH
CS		REVISED PER TDRR 35307		5 JAN 68	WHH
CT		REVISION STATUS CHANGED		7 FEB 68	WHH
CU		REVISED PER TDRR 35628		28 FEB 68	WRK
CV		REVISED PER TDRR 35675		27 MAR 68	WHH
CW		REVISED PER TDRR 35970		3 MAY 68	WHH
CY		REVISION STATUS CHANGED		15 MAY 68	WHH
CZ		REVISED PER TDRR 36245		28 MAY 68	WHH
DA		REVISED PER TDRR 36324		7 JUN 68	WHH
DB		REVISED PER TDRR 36742		18 SEP 68	WHH
DC		REVISED PER TDRR 37112		6 DEC 68	WHH
DD		REVISED PER TDRR 37166		30 DEC 68	WHH

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SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITH CHANGE PER TDRR 34395		4/28/67	WUL / RWH
CM		REVISED PER TDRR 34395		17 OCT. 67	RWH
CN		REVISED PER TDRR 34467		31 OCT 67	URK / RWH
CP		REVISED PER TDRR 34855		6 DEC 67	LMS
CR		REVISED PER TDRR 35164		7 DEC 67	
CS		REVISED PER TDRR 35307		3 JAN 68	
CT		REVISION STATUS CHANGED		7 FEB 68	
CU		REVISED PER TDRR 35628		28 FEB 68	URK
CV		REVISED PER TDRR 35675		8 MAR 68	URK
CW		REVISED PER TDRR 35970		2 MAY 68	
CY		REVISION STATUS CHANGED		16 APR 68	
CZ		REVISED PER TDRR 36245		23 MAY 68	
DA		REVISED PER TDRR 36326		17 JUN 68	
DB		REVISED PER TDRR 36742		12 SEP 68	
DC		REVISED PER TDRR 37114		14 DEC 68	LK
DD		REVISED PER TDRR 37146		30 DEC 68	
DE		REVISED PER TDRR 37251		23 JAN 69	

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SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITH CHANGE PER TDRR 34365		9/28/67	JWH RWH
CM		REVISED PER TDRR 34395		11 OCT 67	RAN
CN		REVISED PER TDRR 34467		31 OCT 67	URK
CP		REVISED PER TDRR 34855		6 NOV 67	ENG
CR		REVISED PER TDRR 35164		7 DEC 67	DRD
CS		REVISED PER TDRR 35307		3 JAN 68	
CT		REVISION STATUS CHANGED		17 JAN 68	
CU		REVISED PER TDRR 35628		22 FEB 68	URK
CV		REVISED PER TDRR 35675		27 FEB 68	
CW		REVISED PER TDRR 35970		28 APR 68	
CY		REVISION STATUS CHANGED		16 APR 68	A.N.
CZ		REVISED PER TDRR 36245		23 MAY 68	
DA		REVISED PER TDRR 36324		17 JUN 68	
DB		REVISED PER TDRR 36741		12 SEP 68	
DC		REVISED PER TDRR 37112		11 DEC 68	
DD		REVISED PER TDRR 37146		5 DEC 68	
DE		REVISED PER TDRR 37251		28 JAN 69	
DF		REVISED PER TDRR 37262		27 JAN 69	

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SYM	ZONE	REVISIONS DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITH CHANGE PER TDRR 34365		9/28/67	W.UL
CM		REVISED PER TDRR 34395		17 OCT. 67	RAM.
CN		REVISED PER TDRR 34467		31OCT 67	URK
CP		REVISED PER TDRR 34855		6 DEC 67	CHG
CR		REVISED PER TDRR 35164		10DEC 67	CHG
CS		REVISED PER TDRR 35307		3 JAN 68	W
CT		REVISION STATUS CHANGED		7 FEB 68	CHG
CU		REVISED PER TDRR 35628		22 FEB 68	URK
CV		REVISED PER TDRR 35675		27 FEB 68	URK
CW		REVISED PER TDRR 35970		2 APR 68	WH
CY		REVISION STATUS CHANGED		16 APR 68	J.N.
CZ		REVISED PER TDRR 36245		3 MAY 68	WH
DA		REVISED PER TDRR 36324		17 JUN 68	WH
DB		REVISED PER TDRR 36742		12 SEP 68	J.N.
DC		REVISED PER TDRR 37114		16 DEC 68	LK
DD		REVISED PER TDRR 37146		3 DEC 68	WH
DE		REVISED PER TDRR 37251		23 JAN 69	LK
DF		REVISED PER TDRR 37262		27 JAN 69	LK
DG		REVISED PER TDRR 37811		26 SEP 69	DWH

DASH 41 VALUES

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REVISIONS					
SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITH CHANGE PER TDRR 34265		9/28/67	JWL RWH
CM		REVISED PER TDRR 34395		11 OCT 67	RAH
CN		REVISED PER TDRR 34467		31 OCT 67	TDRR RWH
CP		REVISED PER TDRR 34855		4 APR 68	TDRR RWH
CR		REVISED PER TDRR 35164		7 MAY 68	CHG RWH
CS		REVISED PER TDRR 35307		3 JUN 68	TDRR RWH
CT		REVISION STATUS CHANGED		7 JUN 68	TDRR RWH
CU		REVISED PER TDRR 35628		28 JUN 68	TDRR RWH
CV		REVISED PER TDRR 35675		17 JUL 68	TDRR RWH
CW		REVISED PER TDRR 35970		31 JUL 68	TDRR RWH
CY		REVISION STATUS CHANGED		16 APR 68	RWH
CZ		REVISED PER TDRR 36248		23 MAY 68	TDRR RWH
DA		REVISED PER TDRR 36384		17 JUN 68	TDRR RWH
DB		REVISED PER TDRR 36741		18 SEP 68	TDRR RWH
DC		REVISED PER TDRR 37114		11 DEC 68	TDRR RWH
DD		REVISED PER TDRR 37146		9 DEC 68	TDRR RWH
DE		REVISED PER TDRR 37251		31 JAN 69	TDRR RWH
DF		REVISED PER TDRR 37262		27 JAN 69	TDRR RWH
DG		REVISED PER TDRR 37811		24 APR 69	TDRR RWH
DH		REVISED PER TDRR 37820		29 SEP 69	TDRR CP

DASH	F	G	H	J	K	L	M	N	P	R	S	T	U	V	W	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AJ	AK	AL	AM	AN	AP	AR	AS	AT
3	VALUES																																	
4	.062	.2	.156	.188	.125	1.625	1.140	.890	.640	1.390	NA	NA	.125	1.875	1.650	2.625	.250	1.562	3.843	.093	NA	NA	.408	.125	.437	3.688	NA	3.687	.093	.625	.31	3.875	.062	NA
5	.093	.281	.40	NA	NA	2.670	1.400	1.00	.750	1.500	NA	NA	.125	1.875	1.650	2.625	.312	NA	15.860	.093	.062	NA	.505	NA	NA	NA	.295	NA	.0931	.4801	.490	NA	NA	13.670
7	35	VALUES																																
8	42	VALUES																																
9	00	VALUES																																
10		VALUES																																
11		VALUES																																
12		VALUES																																
13		VALUES																																
14		VALUES																																
15		VALUES																																
16		VALUES																																
17		VALUES																																
18		VALUES																																
19	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA		
20	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA		
21	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA		
22	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA		
23	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	NA	.468	1.531	NA	NA	.078	.312	.187	NA		
24	.031	.06	.093	188	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938		
25	.062	.12	.156	1	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875		
26	.031	.06	.093	188	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938		
27	.062	.189	.156	NA	NA	1.750	1.125	.906	.698	1.500	NA	.281	.125	NA	1.094	2.062	.312	NA	2.500	.062	.125	1.312	.469	NA	NA	NA	.156	NA	.125	.469	.344	NA		
28	.031	.06	.093	188	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938		
29	.031	.06	.093	1	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.25	1.938		
30	.031	.06	.093	188	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938		
31	.062	.12	.156	1	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875		
32	.031	.06	.093	188	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938		
33	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA		
34	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA		
35	.031	.06	.093	188	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938		
36	.062	.12	.156	1	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875		
37	.031	.06	.093	188	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938		
38	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA		
39	.031	.06	.093	188	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938		
40	.062	.12	.156	1	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875		
41	.062	.12	.156	1	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875		
42	.031	.06	.093	188	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938		
43	.031	.06	.093	188	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938		
44	3	VALUES	BELOW																															
45	4	VALUES	BELOW																															
46	.031	.125	.156	.125	.125	1.718	1.187	.968	.749	1.452	.093	.295	.090	1.312	1.00	2.000	.250	1.687	2.750	.062	NA	NA	.463	.125	.562	2.437	.140	2.562	.090	.468	.359	2.750		
47	.031	.06	.093	NA	NA	.858	.608	.484	.358	.733	.062	.140	.062	NA	.968	1.450	.125	NA	1.720	.046	.03	NA	.210	NA	NA	NA	.070	NA	.046	.32	.16	NA		
48	5	VALUES	BELOW																															
49	3	VALUES	BELOW																															
50	6	VALUES	BELOW																															
51	5	VALUES	BELOW																															
52	4	VALUES	BELOW																															
53	6	VALUES	BELOW																															
54	2	VALUES	BELOW																															
55	8	VALUES	BELOW																															
56	8	VALUES	BELOW																															
57	.031	.06	.093	188	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938		
58	6	VALUES	BELOW																															
59	5	VALUES	BELOW																															
60	9	VALUES	BELOW																															
61	.048	.078	.093	NA	NA	1.125	.750	.593	.453	1.015	.062	.187	.078	.875	.718	1.375	.218	NA	NA	.048	.031	.875	.305	.078	.531	1.906	.078	NA	.078	.531	.187	NA		
62	10	VALUES	BELOW																															
63	.031	.06	.093	188	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938		
64	.031	.06	.093	1	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938		
65	.031	.06	.093	188	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938		
66	.031	.06	.093	188	.093	.858	.608	.484	.358	.733	.077	.116	.062	.937	.875	1.343	.125	.781	1.892	.046	NA	NA	.209	.093	.250	1.875	NA	1.840	.046	.23	.16	1.938		
67	0	VALUES	BELOW																															
68	.062	.12	.156	188	.125	1.625	1.140	.890	.640	1.390	.125	.171	.125	1.875	1.687	2.625	.250	1.562	3.843	.093	NA	NA	.359	.125	.437	3.688	NA	3.687	.093	.40	.25	3.875		

AC ELECTRONICS DASH NUMBERS

1004260	DH	SHT 6	9	8	7	6	5	4	3	2	1																							

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 2 PLACE ±.01 3 PLACE DECIMALS ±.005 ANGLES ± ±

DO NOT SCALE THIS DRAWING

MATERIAL SEE NOTE 11

AS APPLICABLE — HEAT ABBY — USED ON — APPLICATION

APPROVAL

GAEC INSTRUMENTATION LAB Cambridge Mass

DRAWN R.A. JONES 16 JUL 65

CHECKED W. KUPFER 22 JUL 65

APPROVAL

CONTRACT

T. MICHAELS 22 JUL 65 NASA APPROVAL

W. KUPFER 22 JUL 65 GAEC APPROVAL

MANNED SPACECRAFT CENTER HOUSTON, TEXAS

NAMEPLATES, APOLLO GSE - GSE (STANDARDS)

SIZE J2 | CODE IDENT NO. 80230 | 1004260

SCALE NONE | SHEET 6 OF 6

1004260

1004260

1004260

1004260

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SYM	ZONE	DESCRIPTION	CHG NO	DATE	APPD
CL		REPLACES REV CK WITH CHANGE PER TDRR 34325		4/28/67	WH
CM		REVISED PER TDRR 34895		17 OCT 67	WH
CN		REVISED PER TDRR 34467		31 OCT 67	RK
CP		REVISED PER TDRR 34855		4 DEC 67	DWG
CR		REVISED PER TDRR 35164		7 FEB 67	DWG
CS		REVISED PER TDRR 35307		5 JAN 68	WH
CT		REVISION STATUS CHANGED		7 FEB 68	RK
CU		REVISED PER TDRR 35628		28 FEB 68	RK
CV		REVISED PER TDRR 35675		27 FEB 68	RK
CW		REVISED PER TDRR 35970		29 MAR 68	WH
CY		REVISION STATUS CHANGED		6 APR 68	WH
CZ		REVISED PER TDRR 36245		23 MAY 68	WH
DA		REVISED PER TDRR 36324		7 JUN 68	WH
DB		REVISED PER TDRR 36742		8 AUG 68	WH
DC		REVISED PER TDRR 37114		20 SEP 68	WH
DD		REVISED PER TDRR 37146		30 SEP 68	WH
DE		REVISED PER TDRR 37251		25 OCT 68	WH
DF		REVISED PER TDRR 37262		27 OCT 68	LK
DG		REVISED PER TDRR 37811		19 DEC 68	DWG
DH		REVISED PER TDRR 37820		20 DEC 68	WH
DJ		REVISED PER TDRR 38205		5 SEP 70	WH
DK		REVISED PER TDRR 38282		24 NOV 70	WH

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